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BURBANK

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BULLETIN
Nº 63

LUTHER BURBANK
Santa Rosa, California
U. S. A.

HOW PLANTS ARE TRAINED TO WORK FOR MAN

By LUTHER BURBANK

Introduction by Dr. David Starr Jordan

Describing the methods and discoveries of LUTHER BURBANK in detail up to July, 1921, with four hundred pages of direct color photographs by a new process. Nothing before has ever been written so clearly and fully describing the successful methods employed for the improvement of all plant life. The record of fifty years of actual, vital, important, productive and eminently successful work. Eight volumes. Three thousand three hundred and forty pages. CASH PRICE, \$29.70, DELIVERED ANYWHERE IN CONTINENTAL UNITED STATES. Canada, prepaid, \$34.20. All foreign countries and United States possessions other than the continental United States, \$29.70, and transportation, duty, and shipping brokerage charges at expense of customer.

PONCA CITY, OKLA., Dec. 4, 1922.—Without doubt Luther Burbank is doing more for the welfare and happiness of mankind than any other living man. The value of his work is beyond estimate and will result in contributing more wealth direct to the people than the greatest inventions of any age.

I feel that the works of Mr. Burbank should be in every library, and no library can be complete without them. In fact no book or set of books in my possession is prized more than this intensely interesting and highly instructive set of books.

GEO. H. NIEMANN.

BATTLE CREEK, MICH., April 25, 1922.—Your monumental creative work has not only added billions to the wealth of the world, but has been an inspiration to multitudes to labor for the creation, not only of better plants and better animals, but of a better human race and a better world, and has blazed the way for a work for race betterment which I trust will be the means of saving the human race from ultimate extinction.

JOHN HARVEY KELLOGG, M.D.

CAPE PROVINCE, SOUTH AFRICA, Oct. 10, 1922.—Some months back I received your set of books. THEY ARE GREAT!—brimful with American thoroughness, coupled with your unlimited capacity for reaching down to the very heart of things. Thanks ever so much for giving me the opportunity of buying these grand books.

J. C. HAUPFLEISCH.

BOMBAY, INDIA, May 30, 1922.—We are charmed and overjoyed at the eight volumes of the wonderful work of yours. We have prayed to the Almighty to give you long life, health, and strength enough to carry on such noble work further.

J. HORMUSJI & CO.

PUYALLUP, WASH., Sept. 6, 1922.—I am the fortunate possessor of a set of your interesting and instructive eight volumes "How Plants Are Trained to Work for Man," and I must say that I am enjoying each volume more than the preceding one.

O. M. PUDOR.

NEW YORK CITY, N. Y., Sept. 18, 1922.—I am just reading afresh, and with note-taking, your series of volumes on creative plant-work and just wish to add a single humble word of praise and admiration for your marvelous work.

LOUIS MATHEWS SWEET.

For beauty, interest, and practical value these books defy comparison at any price. They are excursions into a wonderful land of fact that reads like strangest magic.

P. F. COLLIER CO.

BATTLE CREEK, MICH., May 10, 1922.—The eight volumes have arrived. I thank you more than words can express. Your books are a perfect mine of interest and information. This monumental work is a priceless contribution to science and has a great merit that it is understandable by those who are not versed in scientific technicalities.

JOHN HARVEY KELLOGG, M.D.

OAKLAND, CAL.—Books received O. K. I am well pleased with the books, worth many times the price.

FRANK P. WOODS.

NORTH ADAMS, GREENFIELD, MASS., Aug. 29, 1922.—Have just finished reading the eight volumes on your wonderful work.

D. R. PROVENCHER.

RIVERSIDE GARDENS, DUNCAN, B. C., Nov. 27, 1922.—I hope you will excuse being bothered with a letter, but I want to tell you how fascinated I am with your books.

E. T. CRESSWELL.

BURBANK'S 1923 NEW CREATIONS *and* SPECIAL SELECTIONS IN SEEDS

We have added a few testimonials as to the value of our productions.

*TEN THOUSAND PAGES could be thus filled but these
few samples will be appreciated*

(CULTURAL DIRECTIONS ON PACKETS)

This Bulletin 63 contains messages of vital interest to you. New books to serve you every day, and several absolutely new, economic plants, flowers, grains, grasses, etc., which will become priceless to the whole world, as have so many other fruits, grains and flowers, which have, in former years, had their birth on my grounds. Hundreds of millions of dollars are invested in their production and transportation, and in nearly every city in the world some or many are offered daily.

One hundred and eighty-two million, four hundred thousand pounds are being grown and shipped each season from California alone, even now, and as they are in many cases supplanting other varieties, not only here but in all other countries, their value to the whole world may be in a measure estimated. World travelers find them under cultivation in the most unexpected places—by the temples of Hindustan, near the great Pyramids of Egypt, in the Botanical Gardens of Java, in Western China and the Pacific Islands. Burbank fruits and flowers are household words everywhere. My sixty-five thousand customers are widely distributed. They live in Iceland, Brazil and Australia; Patagonia, Alaska, China, Tasmania and far-away Cathay. Is it necessary to say more to you as to the value of these productions?

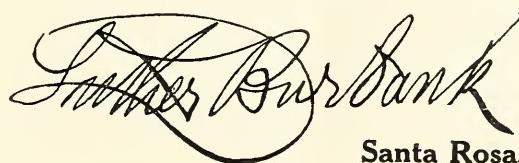
Always, whenever possible, obtain seeds direct from the *originator and grower*, who is, of course, more interested in having them absolutely true to the standard type than others can be.

The time and expense involved in the production and introduction of most of these new or improved plants have been great, as those acquainted with the facts are well aware, but it is my aim to place these new varieties in the hands of growers as quickly as possible and at as low prices as are consistent with sound business, in at least partially repaying for their production and introduction. Everything in this Catalogue will be delivered at your door, transportation free, except in a very few cases where noted.

No Agents Anywhere
All Business Done at Santa Rosa

A *GOOD NAME* is a treasure for unprincipled dealers to trade on; tons of seeds and thousands of trees and plants of uncertain value are sold over my name throughout America each season. There is no redress.

Burbank's
Experiment
Farms



Santa Rosa, California, U. S. A.

New Creations and Special New Selections in SEEDS

These seeds are unique. They are grown on my own farms and under my own care, and are a great surprise to those who have grown the common wholesale-grown seeds so generally offered.

It may be noted that I do not offer a complete collection of seeds. NO ONE CAN who grows all the various seeds which are generally catalogued.

A New Asparagus—“Quality” If any more delicious vegetable than crisp, well-grown asparagus has been invented, tell us about it. And yet people who buy it in the market seldom, if ever, get the best in its best condition. If you possess a square rod of ground almost anywhere under the sun, you can produce a daily supply of this most healthful vegetable for a family for several months at so little care and expense that you will have good reason to laugh. Thoroughly fertilize the space allotted, spade deeply, add more fertilizer and spade again, making the soil rich, deep, and fine. The bed should be a little raised above the paths when finished. Plant the young plants four inches under the surface, placing them eighteen inches to two feet apart. Do not cut the stalks the first season if you desire best results for the *next fifty years*, during which with very little care, never-failing crops will be produced. Many years ago I produced and introduced a new, large, white asparagus, which excelled in flavor all others known. In the passing years since, even this has been greatly improved and I now offer this, *the best asparagus ever grown*. “Quality” produces very large, sweet, tender, white stalks which will be a delight to all who grow or use it. You will find that it is “not like other asparagus.”

Packet, 25c; ounce, \$1; pound, \$8.

EAST SAN PEDRO, CAL., June 17, 1920.—Everything bought from you has proved very satisfactory, particularly the asparagus and artichoke plants, which are already nearly twice the size of ordinary kinds.

F. S.

MINNEAPOLIS, MINN., Jan. 20, 1921.—We had very good success with Burbank seeds last year, the California grown seeds we received from Santa Rosa outclassing our so-called “Northern grown” products. The “Burbank” tomato and pepper make the two outstanding features of our garden.

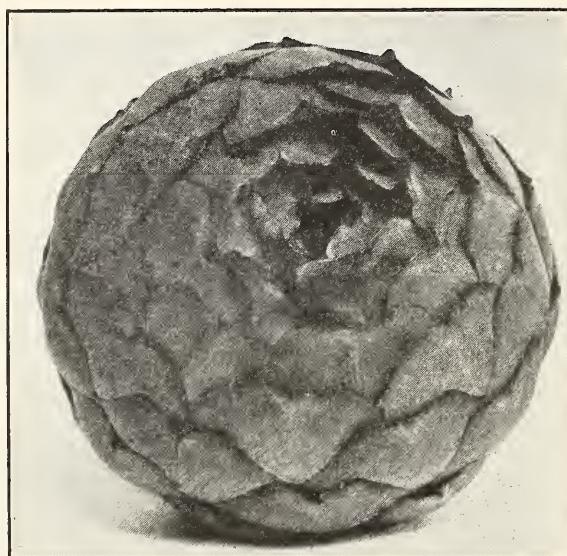
R. M. E.

Artichokes—The New Hybrids

After many years, at great expense, I now can for the first time offer seeds of the Burbank Hybrid Artichokes. They produce heads of enormous size, larger than any ever before seen, in greatest quantity and of superior quality. These new artichokes often produce on good soil lavender-blue flowers three to four feet in circumference. Nothing to equal them has ever been grown. Why grow the ancient kinds?

Packet, 20c; three, 50c; ounce, \$1; pound, \$4.50.

These delicious globe artichokes can be grown in the cold Northern states by starting the plants early in pots or boxes in a warm place and transplanting to a good deep rich soil early in the Spring. The best plants can then be kept in the cellar for making offsets for the next Spring planting for a crop.



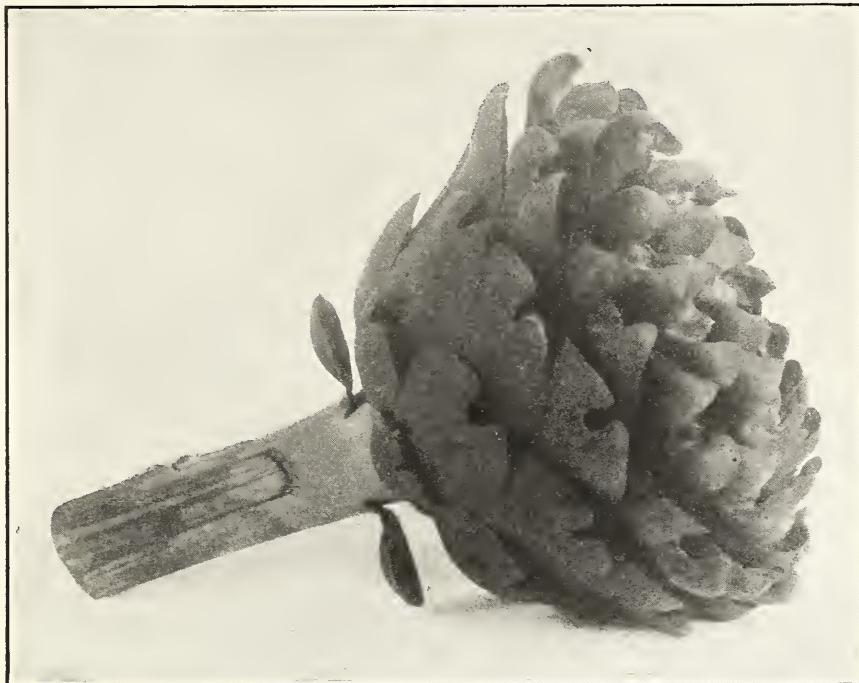
SAMPLE BURBANK HYBRID ARTICHOKE.

JACKSON, Miss., Jan. 18, 1922.—The new Hybrid Artichoke seeds produced some of the most enormous artichokes I ever saw. Some of them were over a foot in diameter.

J. B. H.

“Burbank, like Columbus, has shown us the way to new continents, new forms of life, new sources of wealth, and we, following in his footsteps, will profit by and from his genius.”—GEO. C. PARDEE, Ex-Governor of California.

“My pleasure cannot be written. These productions have taken time, money, and Mr. Burbank. Time and money are common stuff, but I have heard of only one Luther Burbank.”—GEORGE L. REDLEIN, care of Tennessee Coal, Iron & R. R. Co., Birmingham, Ala.



THE NEW MAMMOTH CRIMSON ARTICHOKE.

Artichoke—Mammoth Crimson The buds of this variety are of a beautiful dark crimson color throughout with charming recurved petals like a half opened pond lily but fifty times as large. The quality is also superior as a table vegetable. This seed will not produce the exact variety, which must be increased by division, but some will come true or nearly so from seed. Packet, 25c; ounce, \$1.

A New Artichoke—The “Burbank Perpetual” Artichokes have been experimented with for improvement on my places for more than twenty-five years with the effort of producing more productive plants bearing larger and more delicious “globes.” This has been a long and expensive work, but several new, greatly improved varieties have been offered from time to time.

All artichokes heretofore known bear only a few weeks. At last a variety has been produced which bears throughout the year—a “Perpetual Artichoke”—enormously productive of superior globes. Thus this delicious vegetable, which has so rapidly come into favor in America, can be obtainable fresh at all times throughout the year. This wonderful new variety was first distributed during March, 1922.

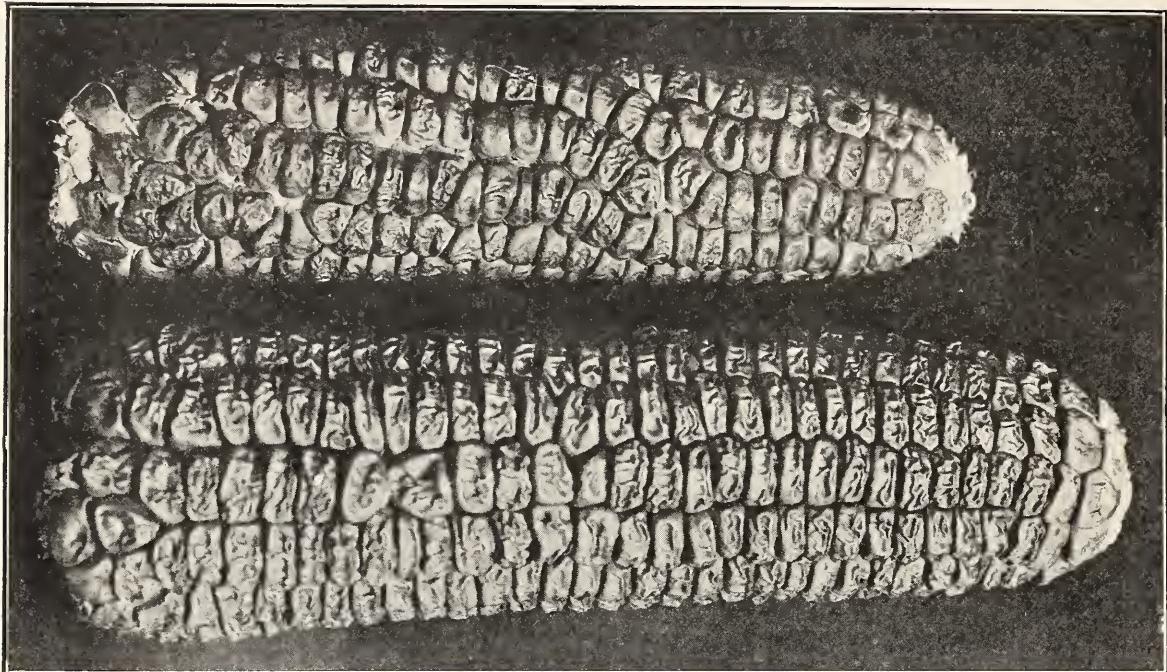
These hybrid artichokes do not come true from seed, but *all* the seedlings are good, most of them extra good, and once in a while a great prize is produced like this wonderful perpetual or better. 100 seeds, 50c; 1000 seeds, \$3.

COMPTON, CAL., April 29, 1922.—The Perpetual Artichoke bought of you and planted a little over two months ago has already buds of sufficient size to use and has given me a surprise as I expected no buds so soon.
F. S.

A New Early Sweet Corn—The “Burbank” We have for five seasons distributed a new “Bantam” Sweet Corn after eighteen years of careful selection, which produces twelve-rowed ears instead of the old eight-rowed, small-ear variety. My customers claim that this wholly distinct new variety should have a distinctive name. It will hereafter be called “Burbank.” *No other sweet corn in the world produces such uniformly fat, deep, sweet kernels as this on the smallest of cobs.* It is so unusually and uniformly early that it can be grown successfully where other sweet corn can not be produced. *No other sweet corn can compare with the “Burbank” for home use and is greatly prized by the best hotels and packing houses.*

The “Burbank” is a surprise to those who have grown the old eight-rowed Golden Bantam. The yield will almost or quite equal that of the common field corn varieties. Packet, 15c; ounce, 25c; pound, \$1, prepaid. By express, not prepaid, five pounds, 40c per pound.

LONG ISLAND, NEW YORK.—A third larger ear than the ordinary and consequently a third more valuable. It will sooner or later replace the old variety.
J. L. C.



UPPER "GOLDEN BANTAM." LOWER THE "BURBANK."

DENVER, COLO., Feb. 24, 1922.—We grew a lot of your seeds the last three seasons and all were a great success. Grow nothing but the "Burbank" Golden Bantam sweet corn. It surely is great. It replaces all other varieties in our market garden. E. C. W.

TACOMA, WASH.—Your new Improved Golden Bantam seed corn gave us excellent results this year. N. P. Co.

CINCINNATI, O., Nov. 14, 1920.—Your twelve-rowed "Golden Bantam" corn is the best variety that I ever tried. PROF. H. M. B.

MINNEAPOLIS, MINN., Feb. 25, 1920.—I was a little dubious about planting corn from California-grown seed, but using seed last year from yours, we had the best corn of any "Golden Bantam" we have ever had. Size of the ears was a surprise. R. E.

WARREN, IND., Oct. 21, 1919.—My "Golden Bantam Corn" was fine and I sold the first green corn by a month that was to be found in the country. I am truly indebted to you for your wonderful creations. MRS. C. W.

CINCINNATI, O., Feb. 21, 1920.—Your "Bantam" Corn last year was delicious. A. R. C.

TACOMA, WASH., Nov. 9, 1919.—Your very kind letter of November 4 leaves us under obligations to you and would thank you to ship us what you can spare of each variety of Bantam Corn, as therein mentioned. This year we had to buy some Bantam Corn from other seedsmen, and it was frightfully poor, and we have never had much luck with anything but your seed. N. P. Co.

WARREN, IND., Feb. 2, 1921.—We enjoyed our new "Golden Bantam" sweet corn very much and had roasting ears earlier than any one else in our community. MRS. C. W.

DETROIT, MICH., Feb. 15, 1922.—I have had great success with your seeds, particularly the "Burbank" Sweet Corn. Last summer my crop was earliest by one week among the 1000 Ford Gardens. Seventy-five per cent of the ears were twelve rowed, a few fourteen, and several sixteen. F. E. S.

SAN DIEGO, CAL., Jan. 19, 1922.—I cannot refrain from telling you of the wonderful success I had with the "Burbank" corn received from you last May. Planted about June first in Idaho. The first week in August we had, I feel sure, the best sweet corn the world has ever known. We had so many eat of it, and all pronounced it superior to anything that had ever been brought out in the line of sweet corn. We would say "Long Live Luther Burbank." Mrs. E. M. C.

ST. CHARLES, MINN., July 31, 1921.—Two years' trial of your twelve-row sweet corn ("Burbank") has convinced me that it is the best to grow in this section. R. J. B.

NEW YORK, N. Y., Feb. 10, 1922.—Corn, "Burbank" sweet. And again the product of your seed took first premium at the Suffolk County Fair. To do that it had to compete with the Bantam sweet corn so largely planted in Suffolk County. Higher praise could hardly be given than that first premium. J. L. D.

ST. VITAL, MANITOBA, CANADA, Feb. 20, 1922.—I tried last year your "Burbank" Corn and found it the best yellow sweet corn, and it was so early that I saved my own seed for this year. H. P.

YPSILANTI, MICH., Sept. 11, 1922.—The "Burbank" sweet corn is much superior to the yellow bantam or any other variety I have ever eaten. W. B. H.

Giant Golden Sweet Corn This fine new corn produces large, handsome ears suitable for market gardeners, but the cob is quite large in proportion to the kernels. It is, however, being very rapidly improved, and that which we offer this season will be found uniformly vigorous, productive of large ears, and of unusual value for market gardeners and also for home use or shipping. Packet, 15c; ounce, 25c.

A New Creation in Corn—“Sorghum Pop” Our common corn, *Zea mays*, has shown a wonderful adaptability to various soils and climates and also to the various uses for which it is grown, much more so than any other grass or grain. Next to it in variability are the Sorghums, which include the various Kaffir corns, broom corns, and annual sugar canes. These are two very distinct species, one of which is a native of Africa, the other of America, and there is no record of any new variety having been produced by crossing. Eleven years ago, after numerous trials, a few kernels were produced on an ear of Stowell's Evergreen Sweet Corn, from pollen of the white “goose neck” Kaffir Corn. These precious kernels were carefully planted one by one the next season and all but two were Stowell's Evergreen to all intents and purposes, but two ripened weeks earlier and were almost true Kaffir corns with compact, crooked, drooping “heads,” containing many scattered hard, round kernels, also bearing “goose neck” drooping ears, somewhat resembling popcorn. The next season all were planted and a *new corn*, in many respects resembling white rice popcorn, but with far smaller kernels, was produced, but the ears were branched or “many fingered” and bore kernels, not only on the *outside*, but on the *inside of the ears*, producing an enormous number of kernels to the cluster. As the cobs had to be crushed to obtain the corn, selections were made of short “stubby” ears which bore kernels only on the outside.

SORGHUM POP will produce a full crop of corn on land so poor, arid and sandy that no other corn can produce a single ear; owing, no doubt, to its drought-resisting sorghum parent.

We now offer this most unique corn, and you will find it early, quite uniform, and one of the best *popping corns*. It pops out pure white, sweet, and with a whirlwind of vehemence. This amazing production is of great interest, not only to growers, but also to botanists and biologists.

Packet of 100 seeds, 10c; ounce, 15c; pound, 80c; 5 pounds postpaid, \$2.50; 10 pounds postpaid, \$4.

[From “Gleanings in Bee Culture,” November, 1919.]

“BURBANK’S CREATIONS”—SOME OF HIS LATER ONES.

After I returned from Florida I got hold of Burbank's 1919 catalogue, and I sent for quite a number of things. The Giant white-seeded sunflower named “Manteca” I have described elsewhere. A new kind of corn which he calls “Sorghum Pop” I am very much pleased with. It is the result of crossing a variety of sorghum with Stowell's Evergreen and he found after testing that it produces *popcorn*. The grains are pearly-white and the ears larger in size than ordinary popcorn; and the funny thing about it is that a great part of the ears are twins—you might call them Siamese twins; and besides the twins we have quite a number of triplets. It pops beautifully and I have been greatly enjoying lately putting the popcorn in hot milk, instead of “the shredded wheat biscuits” that I have been using for months past. And, by the way, one of those twin ears of popcorn after it had been popped out would bring quite a little money at five cents a paper bagful. It looks to me that this sorghum popcorn might help largely in reducing the “high cost of living”—that is if you grow it in your garden and pop it yourself. I am so pleased with the sunflower and the two varieties of corn that I am planning to send a few grains of each to any subscriber to *Gleanings* who will send me an addressed envelope.—Editor A. I. Root.

LEWISTON, MAINE, March 11, 1922.—The first time I tried your “Sorghum Popcorn” every kernel popped and the second time only two failed to pop. It also popped more evenly than any I have ever had, that is, the kernels popped in such rapid succession that it was only a few seconds from the first “pop” to the last one. It was absolutely free from any hard portion and the kernels were very large.

G. A. W.

ETNA MILLS, CAL., Feb. 3, 1920.—The “Sorghum Pop” I ordered of you is really a surprise to me as to how it pops. There is absolutely no hard portion of the kernel left when it is popped. Considering its quality, earliness and productiveness, I think most of the older varieties should be discarded.

J. P. V.

MEDINA, OHIO, Oct. 21, 1919.—I congratulate you on your new popcorn. See enclosed photograph. No. 1 is the ordinary popcorn; No. 2 is yours. Many of the grains were so small they would slip through the ordinary cornhopper. The popped-out grains are from your production. I enclose also a proof of what I expect to come out in November *Gleanings*. The picture won't be ready



SORGHUM POP—SHOWING GIANT POPPED CORN FROM ITS SMALL KERNELS.

LEWISTON, MAINE, March 11, 1922.—The first time I tried your “Sorghum Popcorn” every kernel popped and the second time only two failed to pop. It also popped more evenly than any I have ever had, that is, the kernels popped in such rapid succession that it was only a few seconds from the first “pop” to the last one. It was absolutely free from any hard portion and the kernels were very large.

G. A. W.

J. P. V.

BURBANK'S 1923 NEW CREATIONS AND SPECIAL SELECTIONS IN SEEDS

before December 1. If I hadn't seen with my own eyes those little grains make that great, big, beautiful popcorn, I would be inclined to say it was preposterous or impossible. A. I. R.

ETNA MILLS, CAL., Feb. 3, 1920.—Your "Sorghum Pop" is something to be proud of for we liked it better than any we have raised here, as we have very short seasons for garden produce.

MRS. M. E. C.

LEWISTON, MAINE, Nov. 8, 1920.—I have been, for some time, intending to write you in regard to the "Sorghum Pop" corn I purchased from you. It is a great surprise to me to learn how readily this corn is responding to selection, and how quickly it appears to have become acclimated. I shall keep on with it and if it proves good in popping qualities I am convinced it will be far ahead of any popcorn we have ever had in this region. G. A. W.

A New Popcorn—"Pure Gold" One of the best and most productive of all. Three and four long, beautiful, pure golden, well filled, uniform ears to each stalk. "Pure Gold" produces crops rivaling even the best field varieties in yield. The kernels pop pure white, and larger and sweeter than the common kinds.

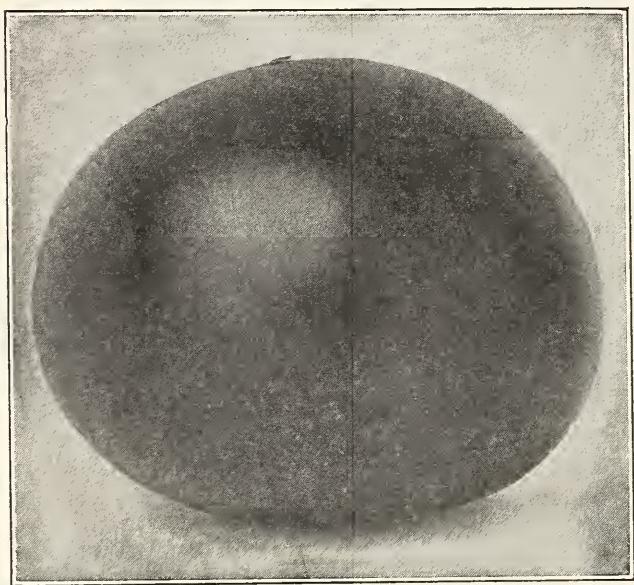
Packet, 10c; ounce, 20c; pound, 50c; ten pounds by express, 20c per pound.

EMMETT, IDAHO, Feb. 18, 1920.—The "Pure Gold" Popcorn that I got from you can't be beat. It all pops. H. C. W.

HEMET, CAL.—Your popcorn "Pure Gold" is by far the best popcorn ever tried in this district. I started with one of your little packets two years ago and now it would be hard to say what acreage is to be planted another year. C. E. M.

AMBRIDGE, PA., Feb. 24, 1919.—Last year I planted some of your popcorn "Pure Gold" and I was more than pleased with it, and as to the quality, I think it is the finest I ever tasted. My idea is to raise "Pure Gold" popcorn, say 50 acres, to sell to the wholesale popcorn dealers. S. M. A.

The Earliest Tomato in the World—The "Burbank" By far the *earliest, smoothest, largest, most productive, and best* of all early tomatoes; resists wilt and other tomato diseases better than most others. The "Burbank" is so much earlier than other tomatoes that from the seed of the tomatoes which ripened here in June, a second crop has been again and again grown and ripened the same season, something probably never before known. This extreme earliness means millions of dollars to American tomato growers, as one-half the tomatoes grown in the United States, even in California, are taken by frost instead of by the grower.



"BURBANK" TOMATO.

1922 selection. Packet of 100 seeds, 20c; three for 50c; ten, \$1. Per ounce, \$1; pound, \$10.

Tomatoes form on the "Burbank" when the plants are very small. It is well to pick off the first cluster of blooms, thus giving the plants a good start for heavy crops. *Plant deep*; set the plants deep in the field or garden for heavy and continuous crop.

I have added a few sample 1922 opinions of growers from Nova Scotia to Texas, from Maine to California, from Alberta to Australia, and from sea level to nearly a mile in altitude, only to verify fully the fact that the "Burbank" Tomato is not only *the earliest tomato in the world, but also the best*.

BOWEN, N. QUEENSLAND, AUSTRALIA, July 26, 1922.—We have never had any tomatoes to equal yours. J. M. T.

RED DEER, ALBERTA, CANADA, March 18, 1922.—Your "Burbank" tomato is keeping up to the mark as the earliest I have tried in this part of Alberta and I have tried out many kinds. A. T. S.

BURLINGTON, N. J., Feb. 28, 1922.—I gave five of your tomatoes to an old friend of mine here 80 years old. He won first prize with them at the County Fair at Mt. Holly, the County seat of Burlington County. The tomatoes averaged nearly a pound each. G. L. P.

S. GROVELAND, MASS., Feb. 16, 1922.—Just a few words telling you I never saw anything equal to the "Burbank" tomato in quality and abundance of crop. F. A. B.

BURBANK'S 1923 NEW CREATIONS AND SPECIAL SELECTIONS IN SEEDS

HOLUALOA, HAWAII, T. H., Feb. 8, 1922.—The "Burbank" tomatoes were grand. I was the only one that had tomatoes. Every one says you can't grow them in Hawaii very well, but I had more than I could use. MRS. O. A. J.

NEWBERN, N. C., Jan. 19, 1922.—Your "Burbank" tomato is a wonder. I had tomatoes ripe and on my table the 13th day of June, 15 days ahead of everybody here. The fruit is the very best, and I find the "Burbank" tomato will bear here until frost. W. K. B.

APPOMATOX, VA., March 20, 1922.—I find the "Burbank" tomato the best tomato I have ever grown for table use and superior for canning. MRS. W. P. G.

MIAMI, Fla., Oct. 15, 1922.—Your "Burbank" tomato is a howling success here. L. B. B.

FAIRFAX, CAL., Oct. 20, 1922.—Best tomato ever seen. Early, solid, meaty like a beefsteak, sweet and delicious. M. P.

PASADENA, CAL., Jan. 16, 1922.—My sister, who lives in France, informs me that the "Burbank" tomato is highly thought of in that country. J. M. S.

SULPHUR SPRINGS, ARK., Jan. 30, 1922.—I have grown the "Burbank" tomato for the past three years and find it ahead of any tomato I have ever tested. H. A. R.

ST. VITAL, MANITOBA, CANADA, Feb. 20, 1922.—I have grown your "Burbank" tomato the past two seasons here with excellent results. I find it to be the earliest for this locality, and also the most solid and best flavored, although I have grown it with the best American and also the best English strains. H. P.

ROMEY, MICH., Feb. 6, 1922.—This is the fifth or sixth year I have ordered "Burbank" tomato seeds from you. Am getting the earliest tomatoes raised in this section. DR. F. N. W.

GROTON, S. D., Jan. 25, 1922.—I had wonderful success with your "Burbank" tomato last year. Although a very poor growing year, I gathered about six bushels off of twenty plants. MRS. W. R. V.

MANATI, PORTO RICO, June 19, 1921.—The seed of the "Burbank" tomato I ordered this Spring gave me the best tomatoes I ever tasted in Porto Rico. Most tomatoes here get a bitter taste, but yours were very sweet. MRS. J. F. D.

RED DEER, ALBERTA, CANADA, March 15, 1921.—I enclose herewith order for seeds and remittance to cover. Last year, again, I had wonderful success with your "Burbank" tomato. I have tested all early varieties here and without doubt yours is the earliest and best in this country. Of course your other seeds are better than any other seedsmen sell, and I wish you had more varieties. A. T. S.

ADAMS RUN, S. C., February 2, 1920.—The "Burbank" tomato is the only variety that will grow in our blight-infested soil. MRS. J. T. T.

TIMARU, N. Z., Jan. 18, 1920.—The "Burbank" tomato seed I obtained last season germinated excellently and is giving satisfaction. It is easily the earliest we have grown. P. G. A.

HORNSPY, N. S. W., AUSTRALIA, July 28, 1921.—I may tell you that I am at present advertising your name all over Australia in connection with your special tomato, the "Burbank." I have raised a fine lot of plants from seed secured last year from your warehouse. Everybody who saw the plants fruiting last season were great admirers of them, and we are expecting big things in the future. Your name is regarded here as a guarantee of quality, and we appreciate the great work you are doing for the whole world. May you live long to enjoy the satisfaction of your success. C. H. D.

THAMESVILLE, ONT., CANADA.—The "Burbank" tomato has beaten any tomato we have ever grown. They are early, firm, not many seeds and a heavy cropper. Our demand for these tomatoes is great. T. G. W.

AUSTIN, TEXAS, Jan. 4, 1921.—"Burbank" tomatoes are the best I have ever raised, after trying at least thirty kinds. M. B. MCC.

PARADISE, CAL., Jan. 13, 1921.—I have found your "Burbank" tomato to be the best in quality of eight or ten of the leading varieties I have tested, as well as for earliness. B. O. C.

NUTWOOD, OHIO, Nov. 30, 1921.—I am writing you the results of my first trial of your seeds. The "Burbank" tomato is easily the winner. I was selling tomatoes at 25c per pound four weeks earlier than my neighbors had any for their own use, and they got their seed in before I did. It is more prolific and of the finest quality. C. H. D.

A New Hybrid Cucumber—"Iceland" The "Lemon" Cucumber, a native of Central America, is a quite distinct species from the common long green cucumbers so universally grown. It is small and not a good form for slicing, yet the *quality is so superior* that it is grown more and more extensively each season for home use. By crossing this species with a long snow-white cucumber, sent out a few years ago, a new and wholly distinct cucumber has been produced, which surpasses all other cucumbers in crispness and delicacy of flavor and is snow-white, oval, medium size, and most astonishingly productive, often three hundred cucumbers to each vine. In the combination of these good qualities it is unequaled by any other cucumber. You will probably have more fun raising and eating these cucumbers than anything else in the garden. Price per packet, 15c.

BROOKLINE, MASS., April 24, 1922.—We particularly enjoyed your "Iceland" Cucumber last year, it being delicate in flavor and very productive. Miss F. E. S.

SIGNAL MOUNTAIN, TENN.—I have enjoyed the flavor of the "Iceland" cucumber very much. The flavor is more delicate than any other we have ever used. R. C. H.

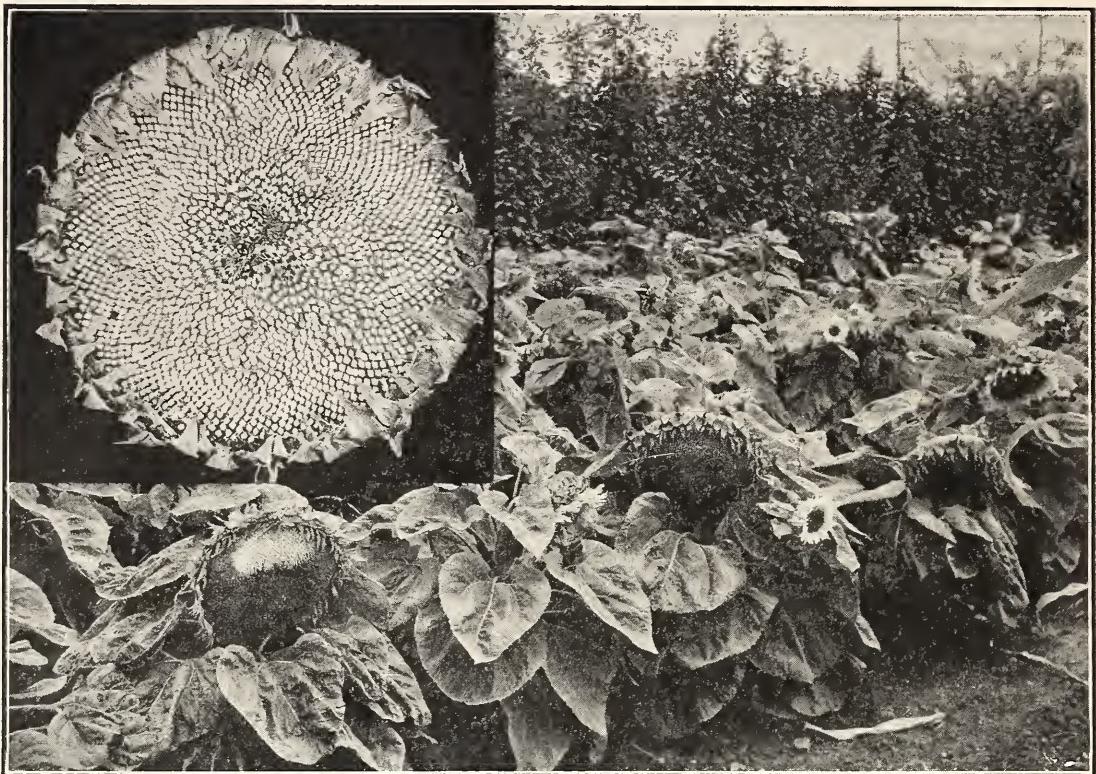
CLOVIS, CAL., Jan. 27, 1919.—Found the cucumbers most delicious. MRS. F. A. O.

SARDIS, B. C., CANADA, Feb. 4, 1919.—Your "Iceland" cucumber had literally hundreds of cucumbers to a vine and were the most delicious we ever tasted. I never in my life saw such vines—the flowers were one brilliant mass. MRS. R. E. C. H.

A New Hybrid Cucumber—"Capital" The new "Capital" Cucumber is exactly like "Iceland" in every respect except *color*, which is bright green. Packet, 15c.

EAST EDINGTON, MAINE.—I never saw such delectable cucumbers as I raised from your seeds. F. F. M.

WESTFIELD, MASS., Jan. 15, 1921.—We tried your "Pure Gold" Popcorn last year and the "Capital" cucumber. Both were all that was claimed for them in quality and yield. I divided the seeds with a few friends, and they, too, were delighted. MRS. S. B. K.



SUNFLOWER—"NEW PROLIFIC WHITE." —Photo by
Herbert Gleason, Boston.

The New Sunflower—"Prolific White" "Manteca" ("the fat") has proved its value and now I offer a new wonder, "PROLIFIC WHITE," the most remarkable and most useful sunflower ever produced; one which will forever supplant the older kinds and make a new record in the world of horticulture. "Prolific White," like "Manteca," produces great single heads of purest white seeds and while growing only *three feet in height*, yields even more seed per acre and *as much foliage* closely crowded on the big, short stalks; very inconvenient for the birds, but very convenient in a windy country and exceedingly so for cultivation and harvesting. Packet of fifty plump seeds, 20c; one hundred seeds, 30c; five hundred seeds, \$1.

NEW YORK, N. Y., Feb. 10, 1922.—Sunflower—Dwarf Prolific White; took the first premium at the Suffolk County Fair against large competition. It means something to take first premium where the best produce of Suffolk County, Long Island, is displayed each year. J. L. D.

YANKTON, S. D., July 29, 1919.—You will remember that we purchased from you last year some of the large sunflowers and we wish to state at this time that we certainly have a wonderful crop from the seed we purchased from you. G. S. & N. Co.

SANTA ROSA, CAL., Jan. 4, 1920.—The "Manteca" Sunflower produced a head twenty-two inches in diameter. L. B. W.

Sunflowers for Silage

"Developments of the past three years have brought the humble *Helianthus*, the sunflower, to the agricultural front as a most satisfactory crop for silage purposes," says the California Department of Agriculture.

It may soon become one of the main forage crops of the West, due to its adaptability to a wide range of conditions, such as drought, suitability for irrigation, resistance to frost and its high feeding value. In short, the time is not far distant when it will mean increased wealth to stock growers of California.

From *Pacific Rural Press*, September 10, 1921.—*Valuable Dwarf Sunflower*. A new dwarf sunflower, growing not over three feet tall and bearing practically as many leaves as the giants of our San Joaquin Valley, with less than one-third of the woody, fibrous stalk, might be seen growing in considerable quantities in the garden of Luther Burbank in Sonoma County. These compact, dwarf, little sunflowers bear large-sized heads full of white seed. They can not be whipped around by the wind like the ordinary sunflowers; they are far less attractive to the birds; and the harvest for seed or silage takes only a fraction of the labor required by ordinary varieties.

ST. LOUIS, Mo., July 7, 1919.—We are in the market to buy one to five cars of new crop sunflower seed for September, October shipment. If you will wire us your lowest price upon receipt of

BURBANK'S 1923 NEW CREATIONS AND SPECIAL SELECTIONS IN SEEDS

this we will be glad to trade with you. If you can not offer it, will you please refer us to anyone who will contract to sell the new crop seed? P. L. ZIMMERMAN Co.

The sunflower is almost as valuable as the fabled cocoanut, which produces butterfat, milk, food, fiber, etc., for its tropical owner. The sunflower seed produces an oil unexcelled for culinary purposes, almost as bland and pure as olive oil. It requires the minimum of culture, and thrives under adverse conditions of soil and climate. In China the sunflower seed like pumpkin seeds have medicinal value; in Russia the moujik eats his roasted sunflower seeds as the boys do peanuts. Some day we may have them "salted" as part of the menu, or sold as a confection.—*Weekly California State News Letter*.

New Hybridized Sunflowers Seeds of all sizes and colors; giant and dwarf flowers, single and double. Clear red, yellow, orange, primrose and variegated flowers. Most unique and remarkably interesting varieties in great profusion are produced from this seed.

Packet, 15c; ounce, 50c.

BOSTON, MASS., Nov. 15, 1921.—I want to say that I had some very satisfactory results from the seeds which you sent to me, particularly the tomatoes and the sunflowers. Those wonderful sunflowers were the marvel in coloring of all who saw them. H. P.

NEW ORLEANS, LA., Dec. 14, 1918.—The inclosed kodaks show an unusually large sunflower (for this locality) grown from seed purchased from you last Spring. The tree was about twelve feet or more. The center part of the flower was from thirteen to fourteen inches in diameter, and with the petals extended made the width between point of petals about nineteen inches. The color was a beautiful orange-yellow with the brown center. A. R. C., M.D.

VALLEJO, CAL., Dec. 5, 1921.—I wish to state that I have wonderful success with your seeds. L. C.

The Sunberry The Burbank Sunberry, an absolutely new species of Solanum created on my own farms, is an annual berry plant of the easiest culture, thriving even on rather poor soil. The berries are almost exactly like the large, sweet huckleberries of the Eastern states. The plants bear enormous quantities of berries which are highly prized for cooking, canning, etc. Grown and treated same as tomato plants. The Sunberry is especially prized in the cold North and in hot desert countries where other berries do not thrive.

The berries, like some blackberries, should be allowed to ripen two weeks after turning black *if to be eaten raw*, when they become very sweet and delicious, and will then remain in good condition on the plants in dry climates for two months or more. If to be cooked they may be used in a week or so after turning black. A dozen large packing firms could be profitably employed in canning this fruit for two or three months each season. Will thrive in any climate and on any soil. On rich soil plant 3 x 4 feet apart; on poor soil, 2 x 3 feet. The berries may be rapidly gathered on a cloth by threshing the plants with a light stick. The ordinary production per acre is from *twenty-five to forty thousand pounds*.

Packet, 10c; three, 25c; ten, 75c.

The "Orange" Sunberry This new Sunberry in growth and general appearance of the plants very much resembles the black Sunberry, though even more productive, and the berries grow in larger clusters, but, above all, *the berries ripen nearly or quite a month earlier*. The berries are not quite as firm or sweet, but their extreme earliness, beautiful orange color, and their abundance of fruit will appeal to the thousands who have grown the black Sunberry. Treat same as tomatoes, but on poor, sandy land they may be planted closer—say two by four feet. Packet of 100 seeds, 20c; 1000 seeds, \$1.

DENVER, COLO., Feb. 24, 1922.—Our record for "Sunberries" was broken in 1921. Produced 125 crates of 24 pint boxes each, which sold on market for \$3 and \$3.50 per crate. They are wonderful. This amount produced from about 900 plants and a very dry season at that. Irrigated three or four times during growing season. We think the "Sunberry" just the berry for our short growing season. E. C. W.

DONIPHAN, NEB., Jan. 12, 1922.—Your "Sunberry" yielded immensely.

MRS. F. M. W.

LAWRENCE, CAL., Jan. 17, 1922.—The "Sunberry" was certainly wonderful last season. Had 50 pounds of fine berries from about ten plants. For pie and jelly it can't be excelled.

L. E. G.

WHITE ROCK, COLO., Jan. 28, 1922.—Most folks eating our "Sunberry" jam declared it the best jam they have eaten and also the "Blueberry" pies are very fine.

B. S.

NUTWOOD, OHIO, Nov. 30, 1921.—The "Sunberry" makes delicious pies and is very prolific.

C. H. D.

CARPINTERIA, CAL., Feb. 24, 1921.—I had wonderful success with your "Sunberry" seed last year.

T. L. McD.

DENVER, COLO., April 28, 1921.—Please send one ounce "Sunberry" seed. We grew these last season and were delighted with them. Are a splendid seller and fine for pies and canning. surpass the blueberry of the East, we think.

E. C. W.

ORLAND, CAL., Feb. 20, 1920.—The "Sunberry" bears all summer, and proves to be just the thing for this hot, dry climate. We found them a delicious pie fruit.

Mrs. F. J.

WATSONVILLE, CAL., Feb. 10, 1920.—I tried the "Sunberry" two years ago and found it a strong grower, heavy bearer, and about as good as the blueberry and huckleberry as I remember them at their best fresh picked on my Wisconsin farm. I feel that these should be generally grown in family gardens.

C. H. H.

LAKEPORT, CAL., Feb. 7, 1920.—I have grown the "Sunberry" for three years, and I think it is a wonder. My children choose it in preference to any fruit we have canned. My vines are four or five feet across and loaded with fruit. They surely deserve a greater popularity. I can not understand why there is not more grown.

R. V. G.

SAN BERNARDINO, CAL., April 15, 1920.—I got the seed from a few plants of "Sunberry" grown in a garden here, and from about 75 plants I picked 200 pounds of berries. Sold the berries to

BURBANK'S 1923 NEW CREATIONS AND SPECIAL SELECTIONS IN SEEDS

neighbors and some to a bakery here in this city. The bakery used the berries for pies. Only a small quantity of the berries was grown here and the bakery could not get berries enough to supply the demand for "huckleberry" pies.

F. L.

ETNA MILLS, CAL., Feb. 3, 1920.—Your "Sunberry" is something wonderful. We used them in preserves and pies, and they are delicious served both ways.

MRS. M. E. C.

BLOCKSBURG, CAL., Aug. 20, 1919.—We are greatly pleased with the plants grown from your seed, especially your "Sunberry." We, and every one who has eaten them in pie and sauce, pronounce them the finest fruit we have ever eaten.

DR. R. C. W.

SAN GABRIEL, CAL., Sept. 18, 1919.—Your little "Sunberries" are a great success—most delicious pie-fruit I ever ate; identical in flavor and consistency with the Eastern Blueberry and Huckleberry pie.

REV. A. D.

CINCINNATI, OHIO, April 21, 1919.—I grew the "Sunberry" two years ago and found them delicious.

F. Y. G.

FORT BRAGG, CAL.—The "Sunberries" did well and were very prolific. We had some pies that were great.

S. A. B.

SACRAMENTO, CAL., Feb. 19, 1919.—Regarding the article in your last catalogue on "Sunberries": it seems almost too good to be true that they require no irrigation. I have a contract with a firm in Sacramento that operates two restaurants, for the entire crop of "Sunberries," so if you think irrigation would ensure a more abundant crop would very much appreciate your opinion.

Mrs W. S. H.



New Giant Chives

The common, well-known chives, small onion-like plants, are hardy even in Alaska and a small plot will supply a family throughout the year. The tops are used for flavoring soups, in salads, etc. Their delicate onion flavor is prized by those who know them. The Giant Chive, which lately originated on my grounds, is a wonderful improvement on all those ever before grown. It is also a handsome border plant.

Packet, 20c; three, 50c; ounce, \$2.

SHORT ROW OF GIANT CHIVES.

Imperial Chives Never before offered. This colossal variety originated on my grounds. It stands eighteen inches in height, being about twenty-five times larger than the common chives. Packet, 25c.

Ruby Gem Chives A new large, handsome, red-flowering variety, beautifully adapted for borders. Both these new chives multiply rapidly and are hardy everywhere but do not reproduce exactly from seed. Packet, 25c.

Hybridized Rhubarb Seed For many years extensive experiments have been carried on here for the improvement of the Rhubarb. From crossing of the Giant Perpetual with the best European and American varieties, some remarkable giant, early and fine-flavored varieties are being produced. This hybrid Rhubarb seed is now first offered and new varieties suitable for all climates will be produced. Some of these seeds are producing new crimson, berry-flavored varieties far superior to any of the well-known old kinds.

Packet, 25c; three, 50c.

MENLO PARK, CAL., Nov. 25, 1922.—I have had great satisfaction in watching the results of seeds secured from you. From the Hybrid Rhubarb seeds planted last Spring ('22) several plants have already been producing since September, fine quality stems. L. I.

Potato Seed One of the most interesting of all garden pursuits is the growing of potato seedlings, especially as a new prize potato may be produced by any one, whether skilled or not. The seed which I offer is from the very best English, Scotch, Norwegian, Swedish, German, North and South American varieties. Maine, California, New Mexico, Washington, and Oregon seed are included in this remarkably varied and superior lot of seed. Seedlings of all forms, sizes, qualities, and colors will be obtained. Directions for growing are printed on each packet of seed.

Packet, 15c; two, 25c; ten, \$1.

The Burbank Thornless Blackberry Every seed produces a plant which under all circumstances is always as soft and smooth as silk. Most of them from this highly improved seed produce large, delicious, firm, sweet fruit in abundance. Packet, 25c.

Everbearing Strawberry Seed My new everbearing strawberries are unique. Some of these I have worked upon for improvement for twenty years or more, and I offer this season seeds of the *very best* of these, such as I plant myself for obtaining new varieties. Best new everbearing varieties, mixed; per packet, 25c.

Passiflora Edulis The Australian Fruiting Vine bears delicious, hard-shelled, purple fruits of the size of hens' eggs. Greatly prized in Australia and England. Hardy only in mild climates. Packet, 25c.

A New Pepper—The "Burbank" From Mexico some ten years ago, I received from my collector a pepper of great size and fine flavor. From this I have developed the *largest pepper ever grown*; fruits nine inches long and four inches through with a thick sweet meat have been grown, and when placed upon exhibition people could not believe they were peppers. At the great Panama-Pacific Exposition or at the recent Land Show no peppers one-half as large were exhibited. The plants are early, very productive, and as easily grown as any other. Packet, 20c; three, 50c; ten, \$1.50.

NEW YORK, N. Y., Feb. 10, 1922.—"Burbank" Pepper. Here again the product of your seed has the credit of taking first premium at the 1921 Suffolk County Fair. I need say no more to prove that it was as near perfection as a sweet pepper can be grown. J. L. D.

VINELAND, N. J., Oct. 28, 1918.—Your "Burbank" Peppers are great in size, shape and bountiful in production. M. R.

OTTUMWA, IOWA, Jan. 13, 1919.—Your sweet peppers were very productive and I think that four plants must have produced twelve dozen peppers. A. T. G.

PENDLETON, ORE.—The peppers are bigger than pint fruit jars and still dark green and growing larger. These dahlias and peppers are absolutely shock producing, astonishing productions. They make a man wonder what in the name of Heaven we are coming to anyhow. H. S. G., M.D.

UKIAH, CAL., Feb. 3, 1919.—Your new pepper was simply grand. E. V. J.

AYER, MASS., Jan. 12, 1920.—Raised some of your peppers two years ago and had great success. Some weighed a pound. MRS. C. S. D.

SITIO GRANDE, CUBA, Nov. 13, 1920.—Your peppers are wonderful. I never saw anything like their earliness and size. J. C. S.

REDDING, CAL., March 8, 1920.—I must tell you about the "Burbank" Pepper which was raised from your seed. We had peppers which weighed one and one-half pounds. Mrs. W. H. W.

PUEBLO, COLO., Jan. 24, 1920.—I tried your "Burbank" tomato and your "Burbank" pepper last year and found them all you claimed for them. W. D.

The New "Tomato" Pepper This is not a cross of the tomato and pepper as is often thought by those who see them, but a true, mild, smooth, glossy, bright crimson pepper of superior quality and surpassing beauty of form and color. Absolutely without wrinkles; productive; and as useful as it is beautiful. Packet, 20c.

Pepper—Golden Horn of Plenty An *extremely early*, very handsome and *unusually productive* lemon-yellow pepper. Packet, 10c; three, 25c.

Pimiento Pepper A short, compact, bright red pepper of the mildest flavor, highly prized for canning. Especially valuable for warm climates. Too late for short seasons. Packet, 15c; ounce, 50c.

New Rainbow Chard or Asparagus Beet By crossing the improved Swiss Chard with the sweet table beets, a more vigorous strain has been produced with enormous leaves and stalks of white, pink, green, scarlet, crimson, orange, and yellow. Both the broad, succulent stalks and leaves exhibit a mingling of wonderful iridescent rainbow shades. The leaves are deeply crimped and pitted like the Savoy cabbage. Nothing in the garden can be so easily raised, and no other vegetable produces such a vast and perpetual supply of delicious and healthful succulent food, as delicious as the best garden spinach. Packet, 15c; ounce, 25c; pound, \$3.

SKEENA RIVER, B. C., CANADA, March 24, 1921.—Many thanks for again sending us your catalog. Your seeds are wonderful. The Rainbow Chard exceeded every expectation and was the wonder of every one who saw it. L. & F.

OAKLAND, CAL., May 7, 1921.—Please send me ounce of your "Rainbow" Chard. We found it delicious as "greens" and the chickens liked it as well as we did. Mrs. G. W. D.

LA GRANDE, OREGON, April 9, 1921.—Please send me \$1.00 worth of the new Rainbow Chard. I have never seen its equal before. MRS. G. S. B.

MOAB, WASH., Feb. 11, 1920.—This is my third year raising your "Rainbow" Chard, for my family can not find anything to compare with it in chards. CAPT. F. H. M.

CARLIN BAY, IDAHO, Aug. 18, 1919.—The "Rainbow" Chard is surely wonderful. We have been using it all summer for greens. I never tasted anything so good and it has done so well it is a pleasure to watch it grow. E. D.

SAN FRANCISCO, CAL.—From your "Rainbow" Chard seed we have been using the greens for my chickens. It has large, tender leaves, which I have been taking from these plants all summer, and they have not yet started to send up seed stalks, which I find the other chard does. W. R.

OTTUMWA, IOWA, Jan. 13, 1919.—I want to commend your Swiss Chard Beet for greens. We think it is equal to spinach and it is the only greens that I can state I really like. A. T. G.

MINNEAPOLIS, MINN., Feb. 16, 1919.—We had lost our taste for Swiss Chard from using the ordinary green-leaved kind, but the "Rainbow" variety brought it back two-fold. It did especially well, canned in the Cold Pack method. R. M. E.

WILKINSBURG, PA., Feb. 23, 1922.—The "Rainbow" Chard was the best I ever grew. Had blooms from the Gladiolus like the cut in your 1922 Catalogue and the Giant Dahlia Zinnias were perfect. H. W. F.

GROTON, ONTARIO, CANADA, Nov. 16, 1922.—The "Burbank" Sweet Corn is the best we have ever grown, and we have tried many kinds. The "Rainbow" Chard was a wonder to us. Among the several other varieties we have grown, we have found it the best for greens. T. G. W., Florist.

Lettuce, Big Boston A very large, hard-heading lettuce grown more extensively than any other. Suited to all climates and in flavor unsurpassed. An all-the-year-round variety for all purposes everywhere. Packet, 15c; ounce, 25c.

New Tomato—"Santa Rosa" Very large, thick, smooth fruits of superior quality. One of the most productive general crop tomatoes and especially valuable for canners' and home use. Packet, 20c; ounce, \$1.

White Sugar Beet—"Wanzleben" The beet so extensively planted for the sugar factories. It is also tender and deliciously sweet for table use when young. Packet, 10c; ounce, 15c; pound, \$1.50.

Lemon Cucumber Enormously productive, medium sized, oval cucumber of superior quality. Packet, 10c.

Parsnip A most carefully selected strain of the smooth, sweet "Hollow Crown." The best of all. Packet, 10c.

Orache or Mountain Spinach Nearly as good and as hardy as the common spinach. About four or five times as productive, and can be grown at one-fourth the care and expense. You will be pleased with this vegetable. Packet, 10c; ounce, 30c.

Carrot—"Perfection" The most highly bred in form and quality for table use. Early, short, oval, sweet, tender roots. Packet, 20c; ounce, \$1.

Radish, Early Long Scarlet Short Top Early, pungent, crisp, and juicy. Matures in four or five weeks. Packet, 10c.

Victoria Spinach Thick, crimped, deep green, fleshy leaves. Remains in best condition for a long time. Packet, 10c; ounce, 35c.

Improved Detroit Red Beet One of the best for home use. Keeps in best condition a long time.

Packet, 10c; ounce, 20c.

BROOKLYN, N. Y., Sept. 24, 1922.—The tomatoes that I raised from your seed were the best I ever had. I easily got 300 lbs. from 24 plants. Burbank Beets and Carrots are fine C. H. R.

Moss Curled Parsley Reselected extra fine curled.
Packet, 10c.

Mustard—Moss Curled A beautiful and easily grown mustard for early greens. Packet, 10c; ounce, 20c.

SOME WONDERFUL NEW GRAINS

Many years and great expense have been involved in their production, and none of them will ever be offered in large lots from my establishment, as other experiments must be carried on to a successful end. The profits are yours, the labor mine. Order now or never.

A New Barley—California Hull-less A curious variation of tremendous value from the common well-known six-rowed bearded barley, but which *threshes out clean with no hull*; just like a plump wheat. The one barley for poultry raisers. Absolutely true to type. Enormous yielder. Pound, by mail, \$1; five pounds, by mail, \$3.

A New Beardless Hull-less Barley—“The Pearl” The old well-known Nepaul beardless hull-less barley was the best for *hay*, yielding a large crop in the shortest time. The grain, however, was of all sizes, shapes and colors; very far from a perfect one. After a number of years of most rigid, careful selection, kernel by kernel, head



THE NEW BARLEY, “PEARL.”

by head, plant by plant, row by row, this new *WHITE* Beardless Hull-less productive barley was produced. It will produce a great crop of unusually large white grain of superior weight and quality. There need be no longer the old complaint of "black barley bread." "Pearl" is an improved, beardless, hull-less, white barley of unusual yielding qualities, bearing absolutely uniform, large, fat, pearly, white grain, threshing out clean like the best wheat. Growers, millers and consumers will appreciate the real "Pearl" Barley.

Pound, by mail, \$1; five pounds, by mail, \$3; ten pounds, not prepaid, \$5.

HOMER, ALASKA, Sept. 1, 1922.—You ought to see that "Burbank" Barley! It is four feet high, ripe and wonderful beyond words.

F. G. B.

A New Rye—"White Giant" There is no grain crop that has such a beneficial action on all soils as rye. There is no other grain that will thrive on the poorest of soils, improving them for all other crops instead of exhausting them. A crop of rye rejuvenates all soils. I now offer a rye which is a giant in growth and productiveness, and better still, the grain is very light colored, large and fat. It is the best and the most productive rye. By mail or express, prepaid, one pound, \$1; five pounds, \$3. Ten pounds, not prepaid, \$5.

DETROIT, MICH., Sept. 17, 1921.—I received your seed order and the seed tested 100%. I am interested in your grains because of my past success. Please send me catalog so that I may make further purchases.

E. W. L.

STELLENBOSCH, CAPE PROVINCE, SOUTH AFRICA, June 30, 1921.—I am able to report most favourably on the seeds received from you.

J. C. H.

SELFRIIDGE, N. DAK., Feb. 1, 1921.—I had 124 bushels of oats threshed out last Fall from your five-pound lot sent me for the Spring of 1919.

J. B.

SUFFOLK, MONT., Sept 4, 1921.—About two years ago I got one pound of your "Pearl" White Hull-less Barley, also one pound of the "Quality" Wheat. This season I raised about seven bushels of the wheat and ten bushels of the barley. I like both grains very much and would like to put in quite a field of each the coming Spring.

E. H. H.

Sudan-Sorghum—A New Forage Grass Sudan Grass has been well tested by stockmen and dairymen in Australia and California and found to be drought resistant and more productive than any grass ever before known. But through a natural cross of Sudan and a sweet Sorghum, probably "Amber" Cane, a really wonderful grass was produced, which from reliable reports yields *75 tons of sweet, nutritious silage per acre*. All new hybrids are at first variable and among the variations one was found which was greatly superior to all the others. This I now offer for the first time. Last summer it averaged on my place 14 feet in height and grew as thickly as a canebrake. It is a hardy annual and may be grown with great profit wherever corn can be grown and may be harvested two or three times during the season. Cultivate same as Sorghum. You may be sure that I know and can appreciate a valuable grass, being the introducer of the well-known "Rhodes" Grass, which I imported direct from Cecil Rhodes' South African farm some twenty years ago, soon after he discovered it. Since then I have carefully tested more than 400 species of foreign wild grasses and this new "Sudan-Sorghum" is the most productive annual grass so far tested on my farms.

Packet, 25c; ounce, 50c; pound, \$3.

PERUVIAN "WINTER GRASS" (*Phalaris stenophylla*)

For the last few years I have been testing a strong-growing, hardy evergreen grass which was sent me from the mountains of Peru, where it is very justly considered the "king of winter grasses." During the coldest of winter weather here, when all other grasses, including also alfalfa, are brown and dormant, this remains fresh, green and growing. It grows thriftily through drought, heat, snow, frost or flood, producing fresh, green feed abundantly and constantly, of superior quality, throughout the whole twelve months. It will be extensively grown, like alfalfa, in all mild climates, supplying, as it does, fresh green feed when *all other grasses* and alfalfa are apparently dead. PERUVIAN WINTER GRASS is the most promising of several thousand foreign and native grasses for winter feed which have been tested on my farms during the past forty years. For all kinds of stock and for poultry it is unexcelled. If you live in a mild climate do not fail to get an early start of this *winter grass*. Packet, 20c; ounce, \$1.



CORRIENTE OAT—ABOUT ONE-THIRD NATURAL SIZE.

A New Oat—The “Corriente” Five years ago I received a small packet of oats from Peru. These were tested with all the others then growing on my farms and found, as usual with South American seeds, to be quite variable, one plant far surpassing all the others, though all were good. The seed of this one was saved, and I now offer the *most productive of all known oats*, both of forage and grain. The new “Corriente” is a big, yellow oat of great weight and unequalled uniformity. Prepaid by mail or express, one pound, \$1; five pounds, \$4. Ten pounds, not prepaid, \$6. Per bushel (50 pounds), not prepaid, \$25.

DODGE CITY, KANS., June 6, 1921.—All the seed I ordered from you this Spring germinated wonderfully well. I enclose another order.
J. S. S.

OAKLAND, CAL., December 18, 1921.—The seeds purchased from you last Spring again turned out fine. I was very much satisfied with the results I obtained.
W. S. P.

Flower Seed Department

Amaranthus—“Molten Fire” Nothing can compare with this new hardy annual plant for royal abundance and brilliancy of color. It grows four feet in height by three in diameter. About August first you will have a bushy plant some two to three feet high with broad, bronzy-crimson coleus-like leaves. At this time the leaves at the top and all the side branches of the plant begin to open like gigantic dahlias of a surpassingly brilliant, iridescent color, hardly to be found outside of an electric furnace, being of a clear, glistening, fiery, rosy crimson, increasing in size and abundance until the whole plant is illuminated with huge, poinsettia-like tufts of flaming fire which can be seen for half a mile. These retain their brilliancy in best condition for *three months or more*. No other annual plant ever grown anywhere produces such a wealth of color for so long a time and for so little outlay of time and care. More than ten thousand people have greatly admired these wonderful plants on my home grounds during August, September, October, and November, 1922. “Molten Fire” will soon be grown in every civilized country on the earth. Very easily grown. Sow early after danger of hard frosts is over and transplant in any sunny place to three feet apart. Especially adapted for large garden and park borders and brilliant summer hedges, or as single specimens anywhere. Never before offered. (Directions for planting on each packet of seeds.) Packet of seeds, enough to produce 100 plants, 50c; three packets, \$1; ten packets, \$3. (No colored plate can ever give the sparkling tints of the living plant.)

GORDONVILLE, PA., Sept. 15, 1922.—I have tried out your famous Amaranthus “Molten Fire.” It is a wonder. It surpasses everything in the Amaranthus family. J. S. W.

HENDERSON, KY., July 13, 1922.—The Amaranthus “Molten Fire” seed I bought from you this Spring have already produced plants nearly four feet high and still growing. The colors are extraordinarily beautiful and light up my garden with a blaze of glory, even when the sun does not shine. M. T. B.

SACRAMENTO, CAL., Aug. 31, 1922.—The Amaranthus plant raised from your seed surpassed all my expectation. It is the most brilliant red ever seen. L. H.

FAIRFAX, CAL., Oct. 20, 1922.—“Molten Fire” is wonderful. Never saw any plant produce such a mass of wonderful color. M. P.

CLOVERDALE, CAL., July 10, 1922.—I love flowers but could never interest my husband until he saw your “Molten Fire.” It is truly wonderful. Mrs. M. W.

LOS ANGELES, CAL., Aug. 26, 1922.—We have had wonderful success with “Molten Fire.” It bears the admiration of all who see them. J. H. McC.

NATCHITOCHES, LA., Aug. 11, 1922.—The Amaranthus, “Molten Fire” purchased last Spring of you are at their best and excite the admiration of all who see them. Mrs. P. T. H.

SAN RAFAEL, CAL., Sept. 2, 1922.—Your Amaranthus “Molten Fire” have turned out very beautiful. H. R.

Amaranthus Salicifolius (the Willow-Leaved Amaranthus)

This graceful and very beautiful Amaranthus, from the Philippines, has long narrow wavy crimped leaves, bronzy green, changing to orange red. Height three feet. As it produces very little seed, is not often offered, but is one of the very best. Packet, 15c; three, 30c.

Amaranthus Abyssinicus An enormous “Love Lies Bleeding.” A tall, striking plant with drooping scarlet chenille-like tassels two to three feet long. Packet, 10c; three, 25c.

Aster Queen of the Market One of the best asters. Blooms two weeks earlier than most others and of free flowering branching habit, with long stems. Extremely valuable, especially for cutting. One foot. Mixed colors; crimson, pink, lavender, rose, and white. Packet, 10c; three, 25c.

Antirrhinum (Snapdragon) The new dwarf large-flowering Snapdragons are becoming the popular flower both for the garden and for cutting. We offer this season a splendid strain in various brilliant colors. “Daphne”—soft blush pink; “Defiance”—orange-red; “Golden Queen”—yellow; “Mont Blanc”—white; “Rose Queen”—rose color; “Amber Queen”—beautiful amber; “Rosy Morn”—pale rose; and many others.

All the above mixed, packet, 10c;

Aquilegia—New Hybrids This favorite flower has lately been greatly improved in variety and combination of colors, including yellow, red, orange, rose, blue, purple, cerise, white, salmon, and mauve. Graceful, hardy, and easily grown. Packet, 15c.

Argemone—New Large Flowering Hybrids Pale green spiny foliage with silvery veins. Large poppy-like flowers in *New Colors* and *Doubles*. Deep yellow to pure white and the new "Chicalote Rosy Crimson," single and double. Packet, 15c; three, 40c; ounce, 75c.

Gladiolus Burbank's
Newest Hybrids

One hundred thousand absolutely new varieties of about every form and color ever produced from this wonderfully variable plant, including scarlet, crimson, yellow, blue, purple, lavender, orange, salmon, and pink, with infinitely varied combinations of rainbow colors. Such a mass of various brilliant colors can not be produced at many times the cost of these in any other flower.

Every gladiolus bulb which I here offer originated on my grounds. For over forty years the Gladioli have been one of my specialties, and the foundation of some of the most popular strains originated with me decades ago. During the past few years wonderful new combinations of colors and shades never before seen in any flower except the tropical orchids have appeared in bewildering variety and abundance so that it is no longer possible to give them names, for the tender transparent orchid shades blend in endless poems of color. It seemed useless to try to introduce more Gladioli, as so many are growing them, but after my newest ones went out to the people two years ago, the demand was so great that every bulb and bulblet was called for and even the stocks which had been planted for the next season had to be dug to supply the astonishing demand.

When you plant Gladiolus get the very newest and best if you desire to see what can be accomplished by forty years rigid selection. Among these some really wonderful prizes will be drawn. These seeds have and will produce many new prize varieties of all sizes, shapes, and colors; saved from fully 100,000 varieties. Packet, of 100 seeds, \$1; three, \$2.

Gladiolus Bulbs These will produce the largest flowers and the most beautiful and varied shades ever seen in this class of plants. Often six open on a stem at once. These varieties can not be obtained except from headquarters here. Best new creations, mixed only including my new Primilinus hybrids. Each, 25c; six, \$1; ten, \$1.50; per 100, \$8.

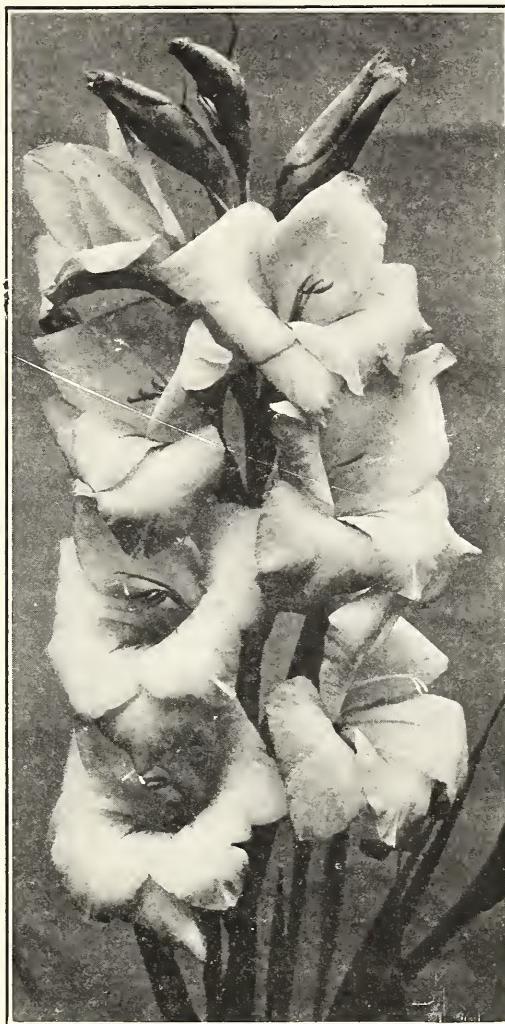
Bulblets from the above mixed varieties, many of which will bloom the first season. Per 100, \$1.50; per 1000, \$8.

GLENDALE, CAL., March 29, 1922.—I wish to explain to you that when I first saw "Elora" Gladiolus blooms on the two bulbs I received from you about four or five years ago, I immediately pronounced it a wonder and a variety that would excel any light-colored variety being grown by florists. I think your strains of Gladiolus are wonderful. W. B. D. (Well-known florist).

HENDERSON, KY., July 13, 1922.—The flowers from your "Gladioli bulbs, my friends agree with me in thinking, are quite as beautiful as orchids. M. T. B.

LAUNCESTON, CORNWALL, ENGLAND, Oct. 1, 1922.—My uncle is delighted with the Gladioli and asked me to convey his appreciation to you. He says they are by far the most beautiful both in form and color that he has ever seen, which is saying much in their praise, for Uncle is a member of the Royal Horticultural Society and no amateur gardener. M. C.

SUPERIOR, WIS., Sept. 10, 1921.—It may interest you to know that from the Gladiolus bulbs which we received from you early this Spring we won all prizes at the Tri-State Fair with the exception of the blue, for which we did not have an entry, but took everything else—first on Best Display, first on Best Three, first on Red, first on Pink, first on Cream although we had



1922 GLADIOLI—JUST A SAMPLE OF BURBANK IMPROVEMENTS—ABOUT $\frac{1}{4}$ NATURAL SIZE.
100 seeds, \$1; three, \$2.

BURBANK'S 1923 NEW CREATIONS AND SPECIAL SELECTIONS IN SEEDS

only two creams to enter. My son and I were agreeably surprised at the beauty of these flowers and will want about 200 more bulbs the coming season. Out of the 100 bulbs planted we raised successfully 99 plants.

F. H. C.

SEATTLE, WASH., Jan. 4, 1921.—Of the Gladiolus, of which you sent 100 seeds, we have unnamed varieties which are a marvel of beauty. They are a riot of beautifully blended shades and our friends go into ecstacies over them.

O. E. J.

CLEVELAND, TENN., Jan. 30, 1921.—Last year I saw some gladioli grown from your bulbs and they were the most gorgeous I ever saw.

Miss W. S.

SALEM, ORE.—In the Spring of 1917 I purchased of you several hundred gladiolus seeds. These were planted in April, and in June, 1918, they began to bloom. Gladioli experts here say such a thing impossible. Many of these flowers were very fine and far excel any others produced in Salem or Portland, Oregon.

BRUNSWICK, GA.—Please send me twenty-five thousand choice gladiolus seed. I regret that I did not order some of all your named gladioli. The "Elora" is one of the finest and most satisfactory gladioli that I have ever grown. The stalks are five to five and a half feet, with flowers up to five inches across, with six flowers open at once. The top flower on one stalk had twenty-four petals and was five inches across. That was some flower.

C. T.

CARIO, ILL., July 19, 1919.—Three years ago I got a package of gladioli seed from you. All have bloomed this year and most of them were beauties; several, I think, better than "Elora." One is a crushed strawberry and cream pink with a spike of sixteen flowers, three of which were double, having twelve petals each to the other flowers' six. The flowers were set around the stem more than other kinds and looked like a large canna truss.

C. B.

VINCENNES, IND.—It is an unusual experience for a grower to write the originator of a new variety of flower that the plants exceed his claims. Your new gladiolus "Elora" is now in bloom and is a beauty. You claim that it grows three and one-half feet tall and that the individual flowers are four and one-half inches in diameter. My plant is four feet tall and the blooms measure five and one-fourth inches in diameter. This kind of a flower from a *bulblet* I regard



GLADIOLUS BURBANK EARLY BLOOMING ORCHID STRAIN.

as remarkable. All of your seeds have made a remarkable record for germination. From twenty-three tomato seeds planted, twenty-three plants came up. It is a novel experience to me to have plants and seeds do more than is claimed for them. You richly deserve your success. M. O.

BUFFALO, N. Y., Dec. 28, 1919.—The bulbs I purchased of you last year were a wonderful success and I assure you they were admired by those who saw them. E. C. S.

AURORA, ILL., Oct. 13, 1920.—I am particularly well pleased with the Gladiolus purchased from you. W. B. D.

Shasta Daisy Too well known the world over to need description. Most carefully selected and best mixture ever offered of this most popular of all white flowers. Packet, 25c.

RIO DE JANEIRO, BRAZIL, Nov. 14, 1922.—Our Shasta Daisies are wonderful. The garden is in Petropolis. B. & O.

SANTA ROSA, CAL., Sept. 20, 1922.—Your Shasta Daisy was chosen as the Official Flower by the Klamath Falls Women's Auxiliary to the Chamber of Commerce in a recent campaign. Now it is hard to find a farm home, a school yard or a city home there that does not possess at least a small bunch of Shasta Daisies. Mrs. L. R. D.

Carnation—Chabauds Everblooming Many beautiful shades of scarlet, crimson, rose, pink, white, yellow, and striped. Blooms perpetually. Packet, 25c; three, 50c.

Rainbow Corn The leaves of this most beautiful corn are variegated with bright crimson, yellow, white, green, rose, and bronze stripes. A really wonderful decorative plant, as easily grown as any common corn and is fully equal in beauty to the most expensive greenhouse dracænas. Packet, 10c; ounce, 30c; pound, \$1.

ESPERANCE, AUSTRALIA, April 14, 1919.—I was much pleased with your Rainbow Corn and have noticed many small cobs well filled with what we call maize. Every one who saw it growing and cut admired it. F. J. D.

Boltonia—New Dwarf Deep lavender aster-like flowers in greatest profusion. This fine variety originated on my grounds and is now offered. Packet, 25c.

Cactus Pitajaya A thorny club cactus which produces wonderful, fragrant, pure white flowers six inches across, and fruits as large as plums, with a white flesh of excellent quality. Will endure freezing down to about 10 degrees above zero. Easily raised from seed. Packet, 25c.

Digitalis Grandiflora—Foxglove Mixed. Tall, stately, handsome biennials. Flowers crimson, rose and white. Packet, 10c; ounce, 20c; pound, \$2.

A Golden Marrubium This familiar hardy aromatic perennial herb so much used in confection is very readily grown from slips or seeds. Among the thousands of wild plants by the roadside one was noticed with two or three branches of a pure golden yellow and from the seeds of these branches a variety has been produced which can be readily grown from seed, 60 per cent or more coming with pure golden foliage. A gem for growing anywhere, out of doors, or in baskets, pots, window gardens or greenhouse. Never before offered.

Seeds, per packet, 20c; three, 50c.

Centaurea Imperialis Beautiful, hardy carnation-like annual. Mixed colors. Packet, 10c; three, 25c.

Celosia-Plumosa A specimen plant in pot or open ground is a vision of beauty. The most graceful, feathery, and beautiful of the celosias. Select type seed, various clear colors mixed. Packet, 15c; three, 40c.

Chinese Woolflower (Celosia) This has varied into some new and pleasing shades. Packet mixed colors and shades, 15c.

Geum—Mrs. Bradshaw This beautiful new perennial Geum produces a multitude of double orange-scarlet flowers two inches across throughout the season. Packet, 15c.

A New Godetia Our native Godetias are among the most prized of annuals. This new Chilean trailing Godetia is of a wholly new form and color—lavender blue. Blooms all the Spring and early Summer. Seed, per packet, 20c; three, 50c.



FOXGLOVE.

Australian Gooseberry Gourd Very rapid-growing vine with fruits resembling gigantic gooseberries. Packet, 10c.

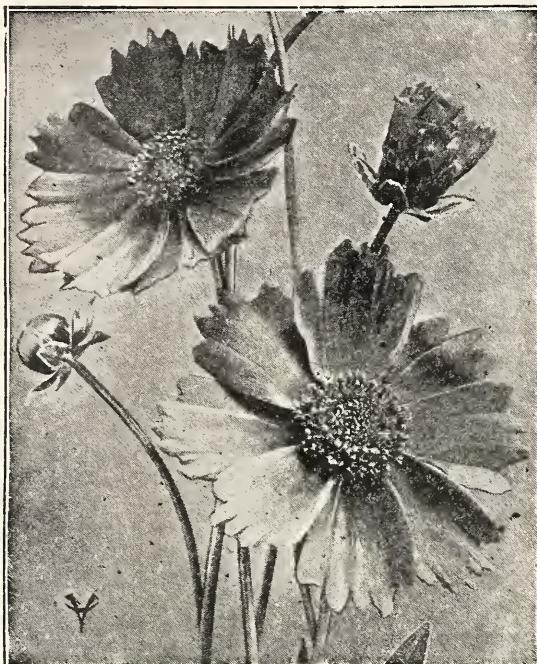
Glaucium—New Hybrids Hairy poppy-like leaves and large saucer-shaped flowers of pale and deep yellow, followed by curious long slender pods. Hardy perennial. Packet, 10c.

Marigold Large Double African Well-known double all summer blooming annual plants of easy culture. Packet, 10c.

Perennial Pea The Burbank strain of hardy perennial peas raised here for a third of a century is not surpassed in abundance and size of flowers, length of stem, or variety of shades. A packet of seeds will supply flowers for a score of years. Packet, 15c; two, 25c.

NEW BEDFORD, MASS., May 13, 1918.—You are most generous, and we are grateful. Our garden is rich in plants from "Burbank" seeds of former years, a fence covered with your Perennial Peas being the envy of all beholders. Our New England garden is a California garden.

J. B. VAN N.



COREOPSIS LANCEOLATA GRANDIFLORA.

crimson, rose, dark yellow, pink and lemon shades, also pure white. Give plenty of room. Height three feet. All colors mixed, packet, 10c; three, 25c.

Cosmos Well-known graceful Autumn-blooming flowers.

Extra early Cosmos, mixed colors. Packet, 10c; three, 25c.

CENTRAL POINT, ORE., Nov. 17, 1922.—The seeds of your Cosmos, California Poppies, Dahlia Zinnias, and Winter Marigolds, gave wonderful results and have attracted much favorable attention.

H. D. McC.

Calendula or Winter Marigold One of the finest hardy annuals, blooming all Summer, and in California and other mild climates nearly all Winter, when other flowers are scarce. Handsome double orange, yellow, creamy-white, and variegated. *The Burbank Calendulas are widely used for decorations. (See cut, page 31.)*

Large Packet, 10c; three, 25c; ounce, 30c; pound, \$1.

YOUNGSTOWN, OHIO, March 26, 1921.—We have never had such beautiful Calendulas as the "Burbank." Mrs. W. B. H.

MONTARA, CAL., June 7, 1921.—I find your Calendulas wonderful as to size and doubleness of bloom and long continued blooming. Much better than I can get anywhere else. C. B. W., Florist.

MADISON, WIS., Sept. 6, 1921.—You certainly have most wonderful seeds. I started some Winter Marigold seed Friday and by Monday they were through the earth. I never had such success with any other seeds, though I have grown seeds for over sixty years. Am 81 years now. Mrs. D. L. W.

Dahlia "Oakland" Enormous single white flowers.
Packet, 15c.

Dahlia Special selection, double.
Small packet, \$1.

The New Coreopsis Lanceolata

Grandiflora Magnificent great yellow blooms on long stems. Packet, 20c; three, 50c.

Coreopsis Golden Wave

Rich golden yellow, brown center; very free flowering. Packet, 10c; three, 25c.

Acrolinium One of the most graceful and beautiful of the "everlastings." Charming rosy-pink flowers in abundance. Especially fine for Winter bouquets and a beautiful Summer border plant. Height, 12 inches. Packet, 10c; three, 25c.

Gomphrena A first-class "everlasting" and a fine bedding plant. The flowers resemble brilliant clover heads; crimson, rose and white mixed. Packet, 10c; three, 25c.

Helichrysum One of the very best of all the "everlastings." Beautiful double daisy-like flowers which make a fine display of color all Summer and for Winter decoration unsurpassed. Double, deepest

crimson, rose, dark yellow, pink and lemon shades, also pure white. Give plenty of room. Height three feet. All colors mixed, packet, 10c; three, 25c.

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BURBANK'S 1923 NEW CREATIONS AND SPECIAL SELECTIONS IN SEEDS

WILLOUGHBY, OHIO, Feb. 16, 1922.—A friend of mine in Minnesota recently wrote me that if I wanted a treat I must get some of your Dahlias, that she raised some measuring seven and eight inches across from seed last year.
F. E. L.

LOUISVILLE, KY., Dec. 4, 1922.—I grew some most gorgeous Dahlias from seed ordered from you, blooming the first summer.
G. T. N.

Dianthus or "China Pink" Giant mixed. A well-known, most beautiful hardy annual. The petals of the "Giant" are ruffled, fringed and frilled, lending an unusual grace to the multi-colored blossoms of deep to glowing crimson, rose, salmon pink and white, mottled and blended in a variety of shades. Packet, 20c; three, 50c.

Burbank's "Mayflower" Verbena By both European and American growers known as the best selected and most fragrant strain. Extremely large flowers in wonderful bright shades of pink, scarlet, rose, blue, lavender, crimson, purple, and white. Packet, 20c; three, 50c.

Verbena—Pure Scarlet One of the most brilliant and striking plants for all Summer blooming for borders and general effectiveness in color. Packet, 15c; three, 35c.

Verbena Pure white, very large flower, often quite fragrant.
Packet, 15c; three, 35c.

Morning Glory New striped, very charming. Packet, 25c.

Morning Glory—"Crimson" One of the largest and most beautiful and easily grown of all the morning glories.
Packet, 10c; ounce, 30c; pound, \$2. Special rates for larger lots.

Hunnemannia The Mexican "Golden Cup" is a more brilliant golden yellow and grows more shrubby than our native; blooms all Summer, and the flowers, when cut, keep open and fresh for a week or more.
Packet, 15c; two, 25c.



THE BEAUTIFUL GOLDEN HUNNEMANNIA.

New Hybridized Sunflowers Seeds of all sizes and colors; giant and dwarf flowers, single and double. Clear red, yellow, orange, primrose and variegated flowers. Most unique and remarkably interesting varieties in great profusion are produced from this seed. Packet, 15c; ounce, 50c.

NEW ORLEANS, LA., Dec. 14, 1918.—The inclosed kodaks show an unusually large sunflower (for this locality) grown from seed purchased from you last Spring. The tree was about twelve feet or more. The center part of the flower was from thirteen to fourteen inches in diameter, and with petals extended made the width between point of petals about nineteen inches. The color was a beautiful orange-yellow with the browner center.

A. R. C., M.D.

The New Red Sunflower You will be surprised with the beauty of this new and highly selected strain. Packet, 10c; three, 25c.

VINCENNES, IND., Feb. 7, 1920.—I want to tell you the red sunflowers I grew from the seed bought from you were beautiful and greatly admired by my friends.

MRS. E. C. H.

Platycodon (Chinese Bell Flower) New single and double blue and white mixed. Packet, 10c; three, 25c.

Pansy Giant Trimardeau This type produces plants of strong, hardy, robust growth; most suitable for all climates. Very large flowers in all colors. A favorite strain of a favorite flower. Packet, 20c; three, 50c.

Ice Plant (Mesembryanthemum) Remarkable for its glittering little excrescences which cover the leaves. Packet, 10c.

SAN DIEGO, CAL., June 8, 1921.—I surely enjoy planting seeds that give as uniform and perfect blooms as yours do.

Miss H. W. A.



"BURBANK" POPPIES.

"My Art Poppies" but with added brilliance and variety. You need look no further for the finest, the most elegant ever produced. Packet, 50c.

Hardy Purple Pea

Very much like the sweet pea but not fragrant. Large rose-purple flowers. Blooms here all Winter. Packet, 10c; ounce, 25c; pound, \$2.50.

New Shirley Poppies

This beautiful strain has been carefully selected each season for more than twenty years and is the foundation for many of the strains offered by other seeds-men. 1921 selection, packet, 10c; three, 25c; ounce, \$1.

SRINAGAR, KASHMIR, INDIA.—Some lovely varieties of Shirley Poppy and some remarkably beautiful Delphiniums came into bloom. I had obtained them from Mr. Luther Burbank, the famous plant breeder of California. (From book written by Sir Francis Younghusband.)

Shirley Art Poppies

Burbank's latest production; wonderful combination shades of salmon, soft rose pink and white semi-transparent crêpe-like flowers. The most elegant and beautiful of the whole world's poppies. Packet, 20c; three, 50c.

VICTORIA, B. C., July 26, 1921.—Practically all of your seed supplied us last Spring did well. We are growers of named varieties of sweet peas and of the Antirrhinum, pansy and poppy. Regarding the latter, we are making a special feature of your Shirley Art Poppy. This is an extremely beautiful and delicate production.

S. SEED Co., LTD.

"Burbank" Poppies

The newest and most exquisitely beautiful of all poppies. Crimped and fluted petals in every shade and tint found in and variety. You need look no

Giant Shirley Poppy Crimson shades. A cross of the Shirley and Tulip poppies. Many of these enormous fiery flowers are seven or eight inches across; a blaze of colors. Packet, 20c; three, 50c.

A New Poppy—Orange Cream The Eschscholtzia Californica is almost always called the "California Poppy"; it is not a true poppy. The *real* California poppy is an exceedingly rare plant, growing in only two places in the world, and is not even mentioned in cyclopedias and botanies. Years ago I began its improvement and now offer seeds of the *Orange-cream Poppy*, one of the most beautiful of all. Annual, fifteen inches high. Flowers on long slender stems of a color rarely seen in any flower.

Packet, 20c; three, 50c.

A New Everblooming Poppy Several years ago I succeeded in crossing the Oriental (perennial) poppy with the Paeony flowering (annual) poppy. The result was a strain of single *perennial ever-blooming* poppies bearing enormous flowers on long stems, of various shades of scarlet, crimson and orange. *Unlike all other poppies, these bloom all the time throughout the year* in this climate and may perhaps be hardy in severe climates. Seeds rarely produced and never before offered. Packet, 25c.

RED DEER, ALBERTA, CANADA, March 18, 1922.—The Everblooming Poppy has proven wonderful, too. I have had blooms as big as dinner plates and of course the other seeds you sent out are much superior to any others.

A. T. S.

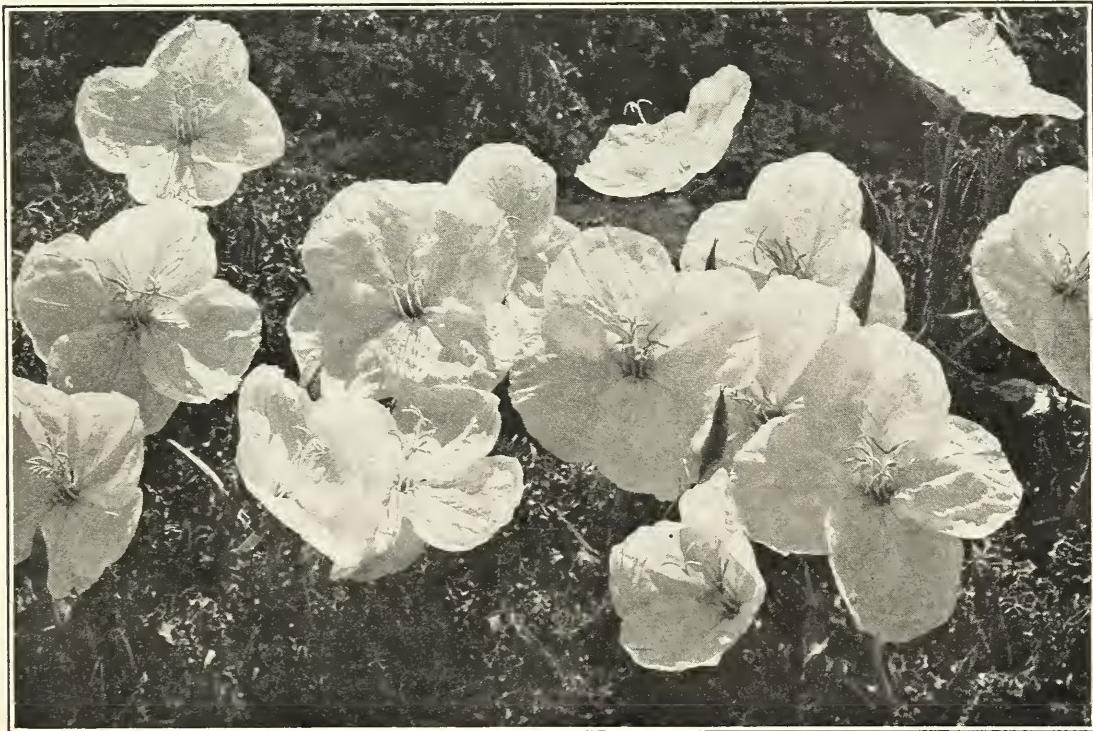
Poppy—Rosy Giant New. Never before offered and without doubt the most charming of all the giant paeony flowering poppies. Thousands of people who passed my home place last Summer were surprised and delighted with the rare beauty of the Rosy Giant. Height 3 feet. Sow thinly as every seed will make a rugged plant. Packet, 20c; three, 50c.

California Poppies (Eschscholtzia) Most beautiful selection of large white, pink, crimson, yellow, and the new flame shades mixed. Packet, 10c; three, 25c; ounce, 40c; pound at special rate.

FAIRHAVEN, MASS.—Everything from your seeds for the past five years has done well. The California Poppy bed is as fine as if it were in your State. It has been a blaze of color since June and is still in bloom. Many of the blossoms are three and one-half inches in diameter, with foot-long stems. The "Desert Sunset" Asters have been wonderfully lovely; such an exquisite shade. The colors of your gladioli have been marvelous.

J. B. VAN N.

Oenothera "America" (Evening Primrose) My gigantic Evening Primrose of snowy white has given universal satisfaction wherever grown. The blossoms are nearly or quite eighteen



OENOOTHERA "AMERICA"—ONE-FOURTH NATURAL SIZE.

inches in circumference, a single petal covering a whole flower of other kinds.
Packet, 15c; two, 25c.

THAMESVILLE, ONT., CANADA, Jan. 31, 1921.—We are more than pleased to say that the seed we got from you last year did well, and we are very proud of the results. The Evening Primrose and Blue Petunia made us splendid greenhouse plants.
T. G. W.

TAMPA, FLORIDA, August 22, 1921.—The Oenothera "America" was grown in what is known as ordinary Florida sand with very little fertilizer, but even with these disadvantages they were a surprise to all who saw them. In the moonlight they appeared as large as saucers. The Blue Petunias were a splendid success.
W. W.

Statice (Sea Lavender) Easily grown, fine, hardy perennial "everlastings"; yellow, blue and white.

Mixed colors, packet, 10c; three, 25c.

Annual Larkspur—Double Stock Flowering One of the most pleasing of all-summer flowers. Seeds sown early in the open ground will give a wealth of flowers from Mid-Summer until hard frosts very late in the Fall. No other annual flower surpasses them in variety, beauty, or abundance. Mixed colors. *Extra superb selection.* (See cut below.) Packet, 20c; three, 50c. Very good selection packet, 10c; three, 25c.

(See first page of cover)

Delphinium Perennial—Burbank's Hybrid Larkspurs Well known by florists and seeds-men as the most beautiful of all strains of this beautiful *perennial*. The Burbank Delphiniums have received *first prizes always* wherever exhibited.

Packet, 25c; three, 50c.



BURBANK LARKSPURS. ALL COLORS ALL SUMMER.

Petunia Hybrida Grandiflora Mixed This seed produces flowers of almost every variety and in all the colors and shades, unique forms and combinations. A vigorous hardy strain for general outdoor effect. Packet, 25c.

Petunia—Rosy Morn Soft carmine-pink with white throat; makes a very dainty and effective border. Packet, 15c.

No flower stands drought, poor soil and neglect better than the Petunias.

ST. PAUL, MINN., July 1, 1921.—The flowers from your seeds are much larger and grow more profusely than any we get from the seed houses here. H. S. K.

The Blue Petunia *This new color in petunias is a very pleasing one never before obtained. The seed now offered comes "true blue." Blooms abundantly all Summer. A very beautiful petunia.*

Packet, 15c.

DILLON, MONT., March 6, 1920.—Your new Blue Petunia is a rare and beautiful flower. My petunias started to bloom when four inches high, and have been loaded with blossoms ever since. Mrs. A. C.

CHRISTIANA, PA., Aug. 22, 1921.—In all my life I have never seen or had a flower that I loved more than your Blue Petunia. It is admired by all who see it. Always send me each issue of your catalogue. O. P. B.

HONOLULU, April 3, 1922.—I have only three plants of your Blue Petunia, but they produce dozens of blooms every day and every day I send them all over Honolulu and they are admired by every one; for no one knows what they are. My husband and I are crazy over them. I make perfectly huge low bowls of them and they look like a mass of sheer violet-blue velvet. I can not express to you the joy they are to us and scores of others. MRS. H. B.

YONDER, NEAR KENILWORTH, KIMBERLEY, SOUTH AFRICA, Oct., 1921.—Your Blue Petunia made a wonderful show. I put on about fifty tins of it at our last show, and it was said to be the most admired exhibit at the show. also done well.

DODGE CITY, KANS., July 11, 1921.—The Blue Petunia attracts attention from every one and is very beautiful. MRS. J. S. S.

MACOMB, ILL., Nov. 19, 1921.—A friend gave me some of your Blue Petunia seed and the flowers were something beautiful and something different from anything we ever had. F. D.

Salpiglossis One of the most beautiful of all annual flowers, blooming all Summer and Fall. Easily cultivated and will thrive on rather poor soil. Height two feet. Finest mixed colors. Packet, 10c.

Whitlavia (California Bluebell) Easily grown annual, a foot or more in height; beautiful blue and white flowers. Packet, 10c; three, 25c.

Burbank Giant Dahlia Zinnias

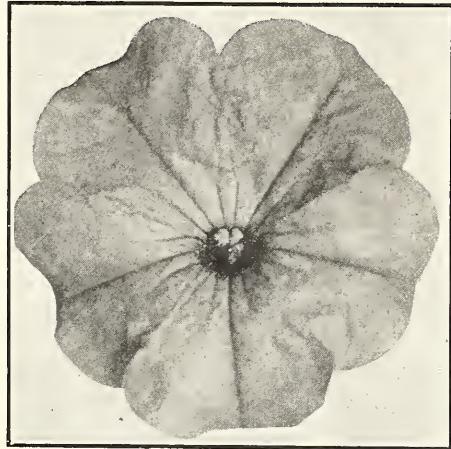
Burbank 1922 selection. *New, enormous double flowers, just like dahlias, of various greatly improved colors all Summer.* Packet, 15c; three, 40c; ten, \$1.

For fifteen cents as gorgeous an effect is readily produced as an outlay of twenty-five dollars would purchase if expended for dahlias.

HYPOLUXO, FLA., March 22, 1922.—Your Giant Dahlia Zinnias are the only annuals that grow here in South Florida during the Summer. They were the most magnificent thing I ever saw, all large and some over eleven inches around and all of a wonderful coloring—a perfect revelation in Zinnias. MRS. F. C. V.

ROCHESTER, MINN., April 10, 1922.—Your Giant Dahlia Zinnias have a greater variety of colors and abundance of blossoms of any other flower. Friends never fail to exclaim over them and very often mistook them for choice dahlias. If I could have only one flower it would be Burbank's Giant Dahlia Zinnias. MRS. H. C. C.

DETROIT, MICH., Jan. 30, 1921.—For two seasons I have taken first prizes with the flowers raised from your seeds. Last year and this



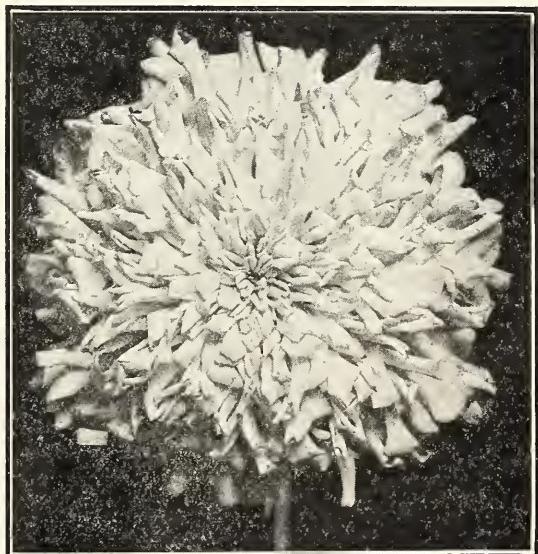
THE NEW BLUE PETUNIA.

—Photo by Herbert Gleason, Boston.

Your new poppy, "Orange Cream," has
A. F. W.

MRS. J. S. S.

MACOMB, ILL., Nov. 19, 1921.—A friend gave me some of your Blue Petunia seed and the flowers were something beautiful and something different from anything we ever had. F. D.



GIANT DAHLIA FLOWERING ZINNIAS.
Four to six inches across.

BURBANK'S 1923 NEW CREATIONS AND SPECIAL SELECTIONS IN SEEDS

year I used marigolds for a basket, competing for the most artistic basket. I received first prize both years. This year the flowers were from seedlings from last year's blooms. This year I received a first prize for the best quality of flowers and in this competition I used flowers grown from your Giant Dahlia Zinnias. They were simply gorgeous in color and size. MRS. L. E. J.

PUTNEY, GA., Oct. 8, 1920.—The flowers from your Zinnia seed were wonderful. It is a flower that does well here, in fact I am having flowers from the seed of flower seed sown last Spring—two crops in one season. MRS. M. W. G.

MANCHESTER, MASS., March 11, 1920.—The Zinnias were regular giants. Exhibited a table of your Zinnias at our local show last August, and of course no one had any half as large, to say nothing of the colors. A. C.

SALT LAKE CITY, UTAH, June 10, 1921.—Last year I had a large bed of your Giant Dahlia Zinnias in my garden. A good many visitors came to see them. On account of their beauty and color and enormous size, nothing like them had been grown here. L. C. M.

COLUMBUS, GA., March 31, 1920.—Zinnia seed ordered from you last year were far beyond my expectations, producing most perfect blooms from the middle of June to November first. E. B.

VICENNES, IND., Feb. 7, 1920.—The Zinnias were the finest I ever saw, so perfect. MRS. E. C. H.

TEMPLE, TEXAS, Jan. 19, 1922.—I was delighted with the Zinnia seed which I ordered from you last Spring. MRS. L. C. S.

PORTLAND, MAINE, Feb. 3, 1922.—The Zinnias I raised from your seed last year were wonderful. A great joy the whole season. J. A. S.

Iris Longipetala "Radiata" An improved maritime Iris which, from single roots spreads slowly but very surely, making a solid mass of dark green glossy leaves two feet in height, which forms a permanent challenge to water washing currents on banks and in fields. The large, pale bluish flowers are ornamental. Never becomes a weed. The plants make fine borders for shrubbery. Packet, 20c.

A New Tritoma—"Exquisite" A most beautiful new dwarf, almost ever-blooming Tritoma, bearing yellow flowers, shaded crimson, in unusual abundance. Packet, 20c.

The Burbank Dwarf Zinnias New. Most charming brilliant red and yellow shades of most perfect doubles. Flowers in utmost profusion all Summer. Packet, 10c; three, 25c.

BAGLEY, MD., Sept. 18, 1921.—Last Spring I sent you an order for your improved Zinnias. I am writing to tell you what a joy these plants have been to me. I and all my friends have admired the unusual size of the flowers, their wonderfully beautiful shades of color. We had a destructive drought here in June and July, but all the Zinnias came up, and the dwarf ones, also, and are still delighting us. I. C.

BROOKLAND, D. C., Feb. 16, 1921.—The Zinnias were a great success and much admired last summer. Miss E. R.

BERLIN, N. Y., June 8, 1921.—The Zinnia grown from your seed obtained last year were the finest I have ever seen, both giant and dwarf, and many visitors to my gladiolus fields saw and much admired them, and I hope you may have received many orders by reason of these visits. A. C., Gladiolus Specialist.

Cactus Flowering Zinnia Quite distinct quilled petals of various shades. Very curious. The children call them "Pinwheel Zinnias." Packet, 10c; three, 25c.



FIELD VIEW OF BURBANK DAHLIA ZINNIAS.

Bulb Seeds

Brodiaë Mixed Best species and varieties. Blue, rosy-crimson and white. Packet, 20c.

Camassia Hybrids Often called Indian Potato. These beautiful hybrids, all of which originated on my farms, bear the largest flowers and of the brightest colors known in this genus, on short compact stems. In these you have the best in the whole Camassia world. Packet, 25c.

Isemene Calathina This unique bulbous Amaryllis-like plant produces an abundance of large transparent white flowers. Easily grown from the large black seeds. Packet, 20c.

Watsonia—Burbank Hybrids New Hybrid Watsonias are growing on my farms by the acre. More new and extremely beautiful varieties than on all the rest of the globe. Giant white, single and double, tall and dwarf, yellow, orange, pink, rose, crimson, purple, salmon, and scarlet; a veritable transformation from an ordinary flower to one equal to the modern gladioli. Packet, 50c; three, \$1.



GLIMPSE OF A BED OF BURBANK GLADIOLUS IN FULL BLOOM DURING SEPTEMBER AND OCTOBER FROM SEEDS SOWN IN MARCH IN THE OPEN GROUND IN ROWS EIGHTEEN INCHES APART, LIKE BEETS OR CARROTS. FORTY YEARS OF CAREFUL SELECTION WILL PRODUCE WONDERFUL RESULTS IN ANY PLANT.

LOGANDALE, NEVADA, Jan. 4, 1923.—The twenty-four pounds of Quality Asparagus seed purchased from you last spring made a remarkable growth during the summer. The growth was twice that of other varieties.
C. M. S.

BROOKS, ALBERTA, CANADA, Sept. 24, 1922.—I have had especially good success with your black and orange Sunberries, Burbank tomatoes, which is the earliest maturing variety we have, Field Corn "Burbank" and Iceland Cucumbers. The hardy purple pea made a fine display this year. The Brazilian prickly tomato has matured a considerable number of fruits and the Sorghum Pop has matured for three years and is improving in size and maturity. I might add that I have had a very interesting, and on the whole, a very satisfactory experience growing your Manteca and Prolific White Sunflowers, as well as other varieties, and have attracted considerable attention from several of the experimental farms and universities.
A. G.

Tree and Shrub Seeds

Abutilon (Flowering Maple) Winter blooming house plants which are useful to set out in beds and will bloom during the Summer. Many colors mixed. Packet, 20c.

New Chilian Abutilon One of the most magnificent of all blooming large shrubs or small trees. Saucer-shaped flowers in astounding profusion nearly three inches across, on long slender stems. Far hardier than any other Abutilon or "Flowering Maple." Readily enduring a zero temperature. Seed from select pure white ones, and from select porcelain blue ones. Packet, 25c.

Cercis Japonica (Red Bud) An unusually handsome ornamental compact growing small tree with crimson flowers and crimson seed pods. Packet, 20c.

Genista Florabunda (New remontant) Shrub bearing all Summer beautiful golden pea-like blossoms in greatest profusion. *This greatly improved Genista* will be a prize for florists for cut flowers and as an ornamental shrub can hardly be surpassed. Seeds rare. Packet, 15c.

Hardy Perennial Hibiscus New California hybrids; enormous flowers of most beautiful shades of crimson, pink, and white. Far superior to any others. Packet, 25c.

New Cytisus Hybrids Rare shrubs producing an abundance of orange, crimson and yellow variegated blooms of unusually large size and mostly fragrant. Packet, 15c; ounce, 40c; pound, \$3.

Cytisus Alba The white cytisus. Shrub three feet. Packet, 15c.

Dracoëna Indivisa The Dracœna (Dragon Tree) so freely used in the streets and parks of California. Grows to about 12 feet in height, then branching into a symmetrical tree. The foliage is the best tying material so far found for shrubs, vines, berry plants, etc., far better than hemp rope. Sooner or later this Dracœna will be grown by the acre for its fibre, which requires no preparation except to moisten the leaves and split into widths appropriate for use. Seed, per packet, 10c; three, 25c.

Beauty Leaf Several years ago my Chilian collector sent this one among some 3600 other species of wild plant seeds and although it seems to have no name, yet the abundant foliage is so remarkably beautiful that it should be distributed. The plants may be treated as annuals in all cold climates. Packet, 20c.

Hypericum Moserianum A most graceful perennial plant; wonderfully free blooming. Flowers rich golden yellow, two inches across. Blooms throughout the whole Summer. Height two feet. Packet, 20c.

Quillæ—Chilian Soap Tree A handsome, symmetrical evergreen tree bearing most unique blossoms and seed pods. The bark is the well-known "Soap Bark" of commerce. Packet, 15c; ounce, 75c.

Ptero Caryæ Caucasicæ A new rapid growing type of *Circassian Walnut*. The Circassian Walnut lumber is about the handsomest and most expensive of all for furniture. The variety which I now offer for the first time is fully four times as rapid in growth as the general stock. A most beautiful *hardy* shade tree, besides its unusual value for timber. Seed, per packet, 25c; ounce, \$1.

HENDERSON, KY., Nov. 1, 1921.—The seeds and bulbs I bought from you last year succeeded wonderfully, notwithstanding the very hot, dry summer. The dahlias were marvelously beautiful and the admiration of every one who saw them. M. T. B.

BENNINGTON, VERMONT, Jan. 25, 1921.—Each year I grow flowers from your seeds and have wonderful success. Have wonderful dahlias grown from the seed obtained from you, also magnificent delphiniums. Have about 200 fine gladioli grown from your bulbets, also your beautiful "Elora." MRS. M. B. H.

NUTWOOD, OHIO, Nov. 4, 1921.—The "Burbank" sweet corn is ahead of anything I have ever tried as regards quality. C. H. D.

A New Grape (*Vitis Davidi*) During the Fall of 1909 I received from an American missionary stationed in Shantung China, seeds of a native grape which was said to be an unusually vigorous vine with very large leaves, bearing long clusters of grapes which were superior for jelly making. During the years intervening, thousands of seedlings have been grown and fruited, and I now offer this new species of grape. The vines are strong growers like the American grapes, and like them, thrive best when pruned long and trained on trellises. The fruit of medium size is borne loosely in very long clusters, comparing favorably in weight per vine with our cultivated grapes. The vines are wholly distinct from all other grapes in having the whole surface bark thickly covered with corky gland-tipped projections, giving them a very curious appearance. The leaves are very large, five to seven inches wide, and exhibit many beautiful autumn colors. But above all, the great value of this new grape is in the wonderful juices furnished by its fruit. For jellies it can not be surpassed, but better still, as a grape juice product no other grape can surpass it in excellence. The juice is as dark as the juice of blackberries, and has a somewhat similar rich, blackberry flavor and aroma. The time will soon come when all the fruit juices will find their peer in this product. It is difficult to raise this species from cuttings, but fortunately they come fairly true from seed, and whether they will thrive when grafted on our common vines has not yet been tested. It may not prove wholly hardy in the colder northern states, yet, even there, it should be tested. Large packet, 25c.



PONCA CITY, OKLA., April 12, 1922.—The work of Luther Burbank is the most valuable contribution to science and art in this generation. DR. G. H. N.

RIPON, CAL., Feb. 26, 1922.—I tried your Sunberry last year and found them true to your article in your catalogue. I am very favorably impressed with this productive and delicious berry (for pies). I am very familiar with the Huckleberry, and would not know the difference between it and the Sunberry. I want to put in about an acre. T. S. W.



THE NEW REGALE LILY—JUST A SMALL SAMPLE.

Lilium Regale (Myrioporum) A new hardy garden lily from Western China. These bulbs produce large, handsome, fragrant white flowers year after year in abundance, with a faint tinge of primrose yellow in the throat with the outside of petals deep rose, deliciously fragrant. Height three to five feet. After raising millions of lilies, I pronounce this one of the most beautiful and the most satisfactory of all. Packet 100 seeds, 25c; 1000 seeds, \$2. Large bulbs, each 60c; medium bulbs, 1 to 1½ inches across, each 25c; 10, \$2; 100, \$15. Smaller bulbs, under one inch, 100, \$5; 1000, \$30.

Lilium Humboldti (Magnificum) One of the largest and tallest of all the lilies and a most magnificent variety. Very robust, attaining a height of eight feet or more. A native of our Northwest Coast. Seeds only. Packet, 25c.

LINCOLN, DEL., Sept. 18, 1922.—Every kind of seeds that I have had from you have done well here in our climate, as we have very mild winters. I have the most wonderful Zinnias and the Sunflowers are as large as a pan. My "Burbank" tomato is giving me the second crop now and will continue to bear until frost, around November 10. MRS. W. M.

"I know of no work and of no literature which confirms my interpretation of true heredity as do yours."—E. R. M., M.D. (author), Chicago, Ill.



BURBANK CALENDULAS—(SEE PAGE 20).

THOMASVILLE, Ga., Dec. 19, 1921.—We have read your book, "The Training of the Human Plant," in the garden club of which I am secretary, and I am now using it in my Girl Scout troop of twenty-four members. I think it is the most beautiful book I ever read, and how we could train our girls to be just as we would have them if we could get them to feel the meaning of the Human Plant Life.

Mrs. G. S. C.



THE PERGOLA IN FRONT OF OUR STOCK SEED DEPARTMENT. TREES, VINES AND FLOWERS MAKE HOMES AND PLACES OF BUSINESS ATTRACTIVE.

THE TRAINING OF THE HUMAN PLANT

By LUTHER BURBANK

*Dedicated to the Sixteen Million Public School Children of America
and to the Untold Millions Under Other Skies*

"Once in a while a book falls into the reviewer's hands, which prompts him to wish that it were in some way possible for him to induce a million people or more to read it. This does not happen frequently, but when it does it is because someone who had something to say worth the saying has done so, and in a manner to register upon the attention. It is what Luther Burbank, to whom society already owes a heavy debt for work well done in a far different field, has done in "The Training of the Human Plant." It is but a little volume, and for sale at an almost nominal price; yet sunshine and happiness and wealth would stamp the lives of millions yet unborn and many a little one who can hardly hope to avoid becoming a hurtful member of society, not being properly trained to react against the tendencies of heredity, were mothers induced to act upon the suggestions of this great practical scientist, which are contained in this little volume."—*Western World*.

"I have been so much interested in your work with other plants, that I felt like shouting for joy when I found that you were equally interested in the human plant, where there is as much opportunity for progress as in the life of those plants you have so wonderfully developed. Seven years in the children's court, and much study in all the large cities in this country, of the trials and tribulations of childhood and the problem of crime so directly related thereto, has tremendously impressed me with the necessity for the education of the masses along these lines, and I welcome a thousand times to the literature on the subject, your little volume, which I have been reading with the greatest interest, and which seems to me to come nearer pointing the right way than anything that has come under my observation. I do want to congratulate you upon this valuable addition you have made to the great work of child-saving, or rather man-saving and man-making."—*Ben B. Lindsey, Judge of County Juvenile Court, Denver, Colo.*

"When into a sleeping camp, lying secure in the sense of its strength and safety from attack, confident in the impenetrability of its defenses and lulled into sweet dreams by long immunity from the onslaughts of hostile forces, some suddenly appearing enemy drops a bomb-shell, the effect can not be more startling, the consternation more complete, than that caused to the educational, and in part the religious, world by the latest theory promulgated by the horticulturist, Luther Burbank. Not that he intended to cause any such stir. Indeed, that was farthest from his thoughts, for the man who, living for long years in the quiet retirement of his Santa Rosa home, has accomplished such wonderful results in the realm of plant life, is the last one who would want to be brought into the noisy field of religious or educational controversy."—*Edward P. Irwin in Overland Monthly.*

"'The Training of the Human Plant' is of very great value—an epoch-making, admirable book, and I am very glad to have the advantage of publishing it."—*V. K. Hultin, Stockholm, Sweden.*

"I have read with much interest your 'Training of the Human Plant,' and fully subscribe to the theories you set forth there. The work you have accomplished is simply stupendous, and altogether without precedent in the history of the world. The earnest wish of your many friends is that you may be spared many years yet to continue the grand work for humanity that you have already accomplished so much of."—*C. H. Wolford, Principal Duquesne Public Schools, Duquesne, Pa.*

"I will ever regard what you have written in 'The Training of the Human Plant' as the germ, the seed as it were, of a new and greater literature than the world has ever known, to say nothing of the race it will help to produce."—*Vere Goldthwaite, Covina, Cal.*

"Burbank has also given the world a mighty idea, simple, yet as significant and even more pregnant with possibilities for the weal of mankind, than the masterful ideas of Darwin, Huxley and Spencer. His theory of humaniculture may yet transform the race."—*"Star," Pasadena, Cal.*

GARDENING WITH BRAINS

By HENRY T. FINCK

The important facts are here mingled with wise and witty remarks and spiced with anecdotes and other things that suggest the perfumed atmosphere of the garden and appeal to the garden lover.

This work is "A Readable Guide for Lovers of Choice Flowers and Juicy Vegetables," and is as different from the common garden book as is the living, moving, growing plant life, and the dead, dry, flat specimens which one sees in herbariums.

"Here is a book that is as entertaining and as full of adventure as a novel, and yet that is a wise and valuable guide to the gardener, especially the amateur gardener who is looking for both joy and profit from his garden. It is a volume crowded with information, crowded with human nature, and furnishes thrilling and satisfactory entertainment for the most casual of readers."—*New York Times*.

"Henry T. Finek has turned out a garden book which makes gardening an adventure, a sport, a fascinating game of chance, against the mischances of nature."—*Detroit News*.

"There is not a superfluous word in the whole book."—*St. Louis Globe Democrat*.

"'Gardening with Brains' probably heads the list in importance and value both to the amateur and the more advanced gardener."—*Monitor, Boston, Mass.*

"Sound horticulturally, but its texture is lightened and 'shortened' as both gardeners and housewives say, by the author's humor and charm of writing."—*New York Evening Post*.

"A man may be absorbed in its pages who has and is likely to have no garden at all. Such is its eloquence on the general subject of outdoors and the things that grow there."—*New York World*.

Delivered at your door, anywhere in the United States, \$2.70.

NEW CREATIONS IN PLANT LIFE

By W. S. HARWOOD

Electrotypes and first published September, 1905. Reprinted September, 1907, February, 1908, March, 1909, September, 1912, July, 1914, May, 1916.

This remarkable book, though first published nearly twenty years ago, still appeals to a constantly increasing army of readers.

Revised and enlarged edition by mail, \$2.